

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

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Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-55489-1

Client Project/Site: Glen Isle: Data Gap Field Program

For:

Posillico Consulting

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Farmingdale, New York 11735

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Authorized for release by:

3/18/2014 3:15:12 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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# Definitions/Glossary

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Qualifiers

### GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

### GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

### Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

### Abbreviation

**These commonly used abbreviations may or may not be present in this report.**

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Job ID: 480-55489-1

#### Laboratory: TestAmerica Buffalo

##### Narrative

##### Job Narrative 480-55489-1

##### Comments

No additional comments.

##### Receipt

The samples were received on 3/5/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

##### GC/MS Semi VOA

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 169194 recovered above the upper control limit for 3,3'-Dichlorobenzidine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-169194/4).

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 168985 recovered outside control limits for multiple analytes.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 168976 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-168976/4).

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 169193 recovered above the upper control limit for Benzaldehyde. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-169193/4).

Method(s) 8270D: The method blank MB 480-168985/1-A contained multiple analytes above the method detection limit. These target analyte concentrations were less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

##### GC Semi VOA

Method(s) 8081B: All primary data is reported from the RTX-CLPII column.

Method(s) 8081B: The method blank MB 480-169025/1-A contained the analyte delta-BHC above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8082A: All primary data is reported from the ZB-35 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

No other analytical or quality issues were noted.

##### Metals

Method(s) 6010C: The method blank for batch 168794 contained manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

##### Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD/DUP) associated with batch 168985

No other analytical or quality issues were noted.

## Case Narrative

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### **Job ID: 480-55489-1 (Continued)**

**Laboratory: TestAmerica Buffalo (Continued)**

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# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-0-2**

**Lab Sample ID: 480-55489-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	0.40	J	1.8	0.27	ug/Kg	1	⊗	8081B	Total/NA
4,4'-DDT	0.89	J	1.8	0.18	ug/Kg	1	⊗	8081B	Total/NA
delta-BHC	0.56	J B	1.8	0.24	ug/Kg	1	⊗	8081B	Total/NA
gamma-Chlordane	0.57	J	1.8	0.57	ug/Kg	1	⊗	8081B	Total/NA
Aluminum	6910		51.9	4.6	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	2.6	J	10.4	0.42	mg/Kg	1	⊗	6010C	Total/NA
Barium	24.6		2.6	0.11	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.17	J	1.0	0.029	mg/Kg	1	⊗	6010C	Total/NA
Cadmium	0.072	J	1.0	0.031	mg/Kg	1	⊗	6010C	Total/NA
Calcium	642		260	3.4	mg/Kg	1	⊗	6010C	Total/NA
Chromium	12.0		2.6	0.21	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	4.1		2.6	0.052	mg/Kg	1	⊗	6010C	Total/NA
Copper	15.6		5.2	0.22	mg/Kg	1	⊗	6010C	Total/NA
Iron	9760		51.9	1.1	mg/Kg	1	⊗	6010C	Total/NA
Lead	4.9	J	5.2	0.25	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	2130		104	0.96	mg/Kg	1	⊗	6010C	Total/NA
Manganese	324		1.0	0.033	mg/Kg	1	⊗	6010C	Total/NA
Nickel	7.6	J	26.0	0.24	mg/Kg	1	⊗	6010C	Total/NA
Potassium	980		156	20.8	mg/Kg	1	⊗	6010C	Total/NA
Sodium	87.8	J	727	13.5	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	18.8		2.6	0.11	mg/Kg	1	⊗	6010C	Total/NA
Zinc	19.5		10.4	0.16	mg/Kg	1	⊗	6010C	Total/NA

**Client Sample ID: LT-C-075-4-6**

**Lab Sample ID: 480-55489-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
delta-BHC	0.67	J B	1.8	0.24	ug/Kg	1	⊗	8081B	Total/NA
Aluminum	4900		60.2	5.3	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	3.2	J	12.0	0.48	mg/Kg	1	⊗	6010C	Total/NA
Barium	19.3		3.0	0.13	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.29	J	1.2	0.034	mg/Kg	1	⊗	6010C	Total/NA
Cadmium	0.10	J	1.2	0.036	mg/Kg	1	⊗	6010C	Total/NA
Calcium	382		301	4.0	mg/Kg	1	⊗	6010C	Total/NA
Chromium	8.5		3.0	0.24	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	3.3		3.0	0.060	mg/Kg	1	⊗	6010C	Total/NA
Copper	21.4		6.0	0.25	mg/Kg	1	⊗	6010C	Total/NA
Iron	17500		60.2	1.3	mg/Kg	1	⊗	6010C	Total/NA
Lead	2.8	J	6.0	0.29	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	845		120	1.1	mg/Kg	1	⊗	6010C	Total/NA
Manganese	512		1.2	0.039	mg/Kg	1	⊗	6010C	Total/NA
Nickel	4.2	J	30.1	0.28	mg/Kg	1	⊗	6010C	Total/NA
Potassium	541		181	24.1	mg/Kg	1	⊗	6010C	Total/NA
Sodium	54.2	J	843	15.7	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	13.7		3.0	0.13	mg/Kg	1	⊗	6010C	Total/NA
Zinc	11.5	J	12.0	0.18	mg/Kg	1	⊗	6010C	Total/NA

**Client Sample ID: LT-C-075-8-10**

**Lab Sample ID: 480-55489-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
delta-BHC	0.41	J B	1.7	0.23	ug/Kg	1	⊗	8081B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Client Sample ID: LT-C-075-8-10 (Continued)

## Lab Sample ID: 480-55489-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	601		53.2	4.7	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	0.74	J	10.6	0.43	mg/Kg	1	⊗	6010C	Total/NA
Barium	6.7		2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.055	J	1.1	0.030	mg/Kg	1	⊗	6010C	Total/NA
Cadmium	0.064	J	1.1	0.032	mg/Kg	1	⊗	6010C	Total/NA
Calcium	38.5	J	266	3.5	mg/Kg	1	⊗	6010C	Total/NA
Chromium	2.6	J	2.7	0.21	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	1.7	J	2.7	0.053	mg/Kg	1	⊗	6010C	Total/NA
Copper	3.9	J	5.3	0.22	mg/Kg	1	⊗	6010C	Total/NA
Iron	2270		53.2	1.2	mg/Kg	1	⊗	6010C	Total/NA
Lead	0.69	J	5.3	0.26	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	63.9	J	106	0.99	mg/Kg	1	⊗	6010C	Total/NA
Manganese	169		1.1	0.034	mg/Kg	1	⊗	6010C	Total/NA
Nickel	1.4	J	26.6	0.24	mg/Kg	1	⊗	6010C	Total/NA
Potassium	85.4	J	160	21.3	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	2.3	J	2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Zinc	3.6	J	10.6	0.16	mg/Kg	1	⊗	6010C	Total/NA

## Client Sample ID: LT-C-076-0-2

## Lab Sample ID: 480-55489-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	0.36	J	1.8	0.34	ug/Kg	1	⊗	8081B	Total/NA
4,4'-DDE	1.0	J	1.8	0.26	ug/Kg	1	⊗	8081B	Total/NA
4,4'-DDT	1.3	J	1.8	0.18	ug/Kg	1	⊗	8081B	Total/NA
Aldrin	0.62	J	1.8	0.43	ug/Kg	1	⊗	8081B	Total/NA
delta-BHC	1.4	J B	1.8	0.23	ug/Kg	1	⊗	8081B	Total/NA
gamma-Chlordane	0.89	J	1.8	0.56	ug/Kg	1	⊗	8081B	Total/NA
Heptachlor epoxide	2.2		1.8	0.46	ug/Kg	1	⊗	8081B	Total/NA
PCB-1242	0.054	J	0.22	0.043	mg/Kg	1	⊗	8082A	Total/NA
Aluminum	4790		53.3	4.7	mg/Kg	1	⊗	6010C	Total/NA
Antimony	0.63	J	79.9	0.43	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	3.2	J	10.7	0.43	mg/Kg	1	⊗	6010C	Total/NA
Barium	14.7		2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.37	J	1.1	0.030	mg/Kg	1	⊗	6010C	Total/NA
Cadmium	0.30	J	1.1	0.032	mg/Kg	1	⊗	6010C	Total/NA
Calcium	413		266	3.5	mg/Kg	1	⊗	6010C	Total/NA
Chromium	12.6		2.7	0.21	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	4.6		2.7	0.053	mg/Kg	1	⊗	6010C	Total/NA
Copper	23.8		5.3	0.22	mg/Kg	1	⊗	6010C	Total/NA
Iron	17900		53.3	1.2	mg/Kg	1	⊗	6010C	Total/NA
Lead	5.3		5.3	0.26	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	982		107	0.99	mg/Kg	1	⊗	6010C	Total/NA
Manganese	375		1.1	0.034	mg/Kg	1	⊗	6010C	Total/NA
Nickel	6.0	J	26.6	0.25	mg/Kg	1	⊗	6010C	Total/NA
Potassium	483		160	21.3	mg/Kg	1	⊗	6010C	Total/NA
Selenium	0.57	J	21.3	0.43	mg/Kg	1	⊗	6010C	Total/NA
Sodium	44.4	J	746	13.8	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	14.2		2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Zinc	23.7		10.7	0.16	mg/Kg	1	⊗	6010C	Total/NA
Mercury	0.011	J	0.020	0.0079	mg/Kg	1	⊗	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-4-6**

**Lab Sample ID: 480-55489-5**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
delta-BHC	0.41	J B	1.8	0.23	ug/Kg	1	⊗	8081B	Total/NA
Aluminum	962		52.9	4.7	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	1.2	J	10.6	0.42	mg/Kg	1	⊗	6010C	Total/NA
Barium	5.9		2.6	0.12	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.10	J	1.1	0.030	mg/Kg	1	⊗	6010C	Total/NA
Calcium	126	J	265	3.5	mg/Kg	1	⊗	6010C	Total/NA
Chromium	3.9		2.6	0.21	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	0.91	J	2.6	0.053	mg/Kg	1	⊗	6010C	Total/NA
Copper	4.5	J	5.3	0.22	mg/Kg	1	⊗	6010C	Total/NA
Iron	7860		52.9	1.2	mg/Kg	1	⊗	6010C	Total/NA
Lead	1.2	J	5.3	0.25	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	208		106	0.98	mg/Kg	1	⊗	6010C	Total/NA
Manganese	90.0		1.1	0.034	mg/Kg	1	⊗	6010C	Total/NA
Nickel	1.9	J	26.5	0.24	mg/Kg	1	⊗	6010C	Total/NA
Potassium	155	J	159	21.2	mg/Kg	1	⊗	6010C	Total/NA
Sodium	21.1	J	741	13.8	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	4.7		2.6	0.12	mg/Kg	1	⊗	6010C	Total/NA
Zinc	4.5	J	10.6	0.16	mg/Kg	1	⊗	6010C	Total/NA

**Client Sample ID: LT-C-076-6-8**

**Lab Sample ID: 480-55489-6**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
delta-BHC	0.47	J B	1.8	0.23	ug/Kg	1	⊗	8081B	Total/NA
Aluminum	4620		53.3	4.7	mg/Kg	1	⊗	6010C	Total/NA
Arsenic	1.2	J	10.7	0.43	mg/Kg	1	⊗	6010C	Total/NA
Barium	25.0		2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Beryllium	0.28	J	1.1	0.030	mg/Kg	1	⊗	6010C	Total/NA
Cadmium	0.058	J	1.1	0.032	mg/Kg	1	⊗	6010C	Total/NA
Calcium	415		267	3.5	mg/Kg	1	⊗	6010C	Total/NA
Chromium	12.5		2.7	0.21	mg/Kg	1	⊗	6010C	Total/NA
Cobalt	3.0		2.7	0.053	mg/Kg	1	⊗	6010C	Total/NA
Copper	16.0		5.3	0.22	mg/Kg	1	⊗	6010C	Total/NA
Iron	11600		53.3	1.2	mg/Kg	1	⊗	6010C	Total/NA
Lead	3.1	J	5.3	0.26	mg/Kg	1	⊗	6010C	Total/NA
Magnesium	1110		107	0.99	mg/Kg	1	⊗	6010C	Total/NA
Manganese	263		1.1	0.034	mg/Kg	1	⊗	6010C	Total/NA
Nickel	6.0	J	26.7	0.25	mg/Kg	1	⊗	6010C	Total/NA
Potassium	863		160	21.3	mg/Kg	1	⊗	6010C	Total/NA
Selenium	0.46	J	21.3	0.43	mg/Kg	1	⊗	6010C	Total/NA
Sodium	54.2	J	747	13.9	mg/Kg	1	⊗	6010C	Total/NA
Vanadium	14.8		2.7	0.12	mg/Kg	1	⊗	6010C	Total/NA
Zinc	17.8		10.7	0.16	mg/Kg	1	⊗	6010C	Total/NA

**Client Sample ID: FB034**

**Lab Sample ID: 480-55489-7**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetophenone	2.3	J	4.6	0.50	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.85	J B	4.6	0.28	ug/L	1		8270D	Total/NA
delta-BHC	0.0097	J	0.046	0.0092	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.012	J	0.046	0.0055	ug/L	1		8081B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

## Detection Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Client Sample ID: FB034 (Continued)

### Lab Sample ID: 480-55489-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	0.11	J	0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0019	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Sodium	0.43	J	1.0	0.32	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-0-2**

Date Collected: 03/04/14 09:00

Date Received: 03/05/14 08:45

**Lab Sample ID: 480-55489-1**

Matrix: Solid

Percent Solids: 91.2

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	180	U	180	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
bis (2-chloroisopropyl) ether	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4,5-Trichlorophenol	180	U	180	39	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4,6-Trichlorophenol	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4-Dichlorophenol	180	U	180	9.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4-Dimethylphenol	180	U	180	48	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4-Dinitrophenol	350	U	350	63	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,4-Dinitrotoluene	180	U	180	28	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2,6-Dinitrotoluene	180	U	180	44	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Chloronaphthalene	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Chlorophenol	180	U	180	9.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Methylphenol	180	U	180	5.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Methylnaphthalene	180	U	180	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Nitroaniline	350	U	350	58	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
2-Nitrophenol	180	U	180	8.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
3,3'-Dichlorobenzidine	180	U	180	160	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
3-Nitroaniline	350	U	350	41	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4,6-Dinitro-2-methylphenol	350	U	350	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Bromophenyl phenyl ether	180	U	180	57	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Chloro-3-methylphenol	180	U	180	7.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Chloroaniline	180	U	180	53	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Chlorophenyl phenyl ether	180	U	180	3.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Methylphenol	350	U	350	10	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Nitroaniline	350	U	350	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
4-Nitrophenol	350	U	350	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Acenaphthene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Acenaphthylene	180	U	180	1.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Acetophenone	180	U	180	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Anthracene	180	U	180	4.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Atrazine	180	U	180	8.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzaldehyde	180	U	180	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzo[a]anthracene	180	U	180	3.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzo[a]pyrene	180	U	180	4.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzo[b]fluoranthene	180	U	180	3.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzo[g,h,i]perylene	180	U	180	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Benzo[k]fluoranthene	180	U	180	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Bis(2-chloroethoxy)methane	180	U	180	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Bis(2-chloroethyl)ether	180	U	180	15	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Bis(2-ethylhexyl) phthalate	180	U	180	58	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Butyl benzyl phthalate	180	U	180	48	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Caprolactam	180	U	180	78	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Carbazole	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Chrysene	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Dibenz(a,h)anthracene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Di-n-butyl phthalate	180	U	180	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Di-n-octyl phthalate	180	U	180	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Dibenzofuran	180	U	180	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Diethyl phthalate	180	U	180	5.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Dimethyl phthalate	180	U	180	4.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-0-2**

**Date Collected: 03/04/14 09:00**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-1**

**Matrix: Solid**

**Percent Solids: 91.2**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	180	U	180	2.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Fluorene	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Hexachlorobenzene	180	U	180	8.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Hexachlorobutadiene	180	U	180	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Hexachlorocyclopentadiene	180	U	180	54	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Hexachloroethane	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Indeno[1,2,3-cd]pyrene	180	U	180	5.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Isophorone	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
N-Nitrosodi-n-propylamine	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
N-Nitrosodiphenylamine	180	U	180	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Naphthalene	180	U	180	3.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Nitrobenzene	180	U	180	7.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Pentachlorophenol	350	U	350	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Phenanthrene	180	U	180	3.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Phenol	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Pyrene	180	U	180	1.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	87		34 - 132				03/06/14 07:55	03/08/14 05:12	1
Phenol-d5 (Surr)	89		11 - 120				03/06/14 07:55	03/08/14 05:12	1
p-Terphenyl-d14 (Surr)	129		65 - 153				03/06/14 07:55	03/08/14 05:12	1
2,4,6-Tribromophenol (Surr)	104		39 - 146				03/06/14 07:55	03/08/14 05:12	1
2-Fluorobiphenyl	92		37 - 120				03/06/14 07:55	03/08/14 05:12	1
2-Fluorophenol (Surr)	81		18 - 120				03/06/14 07:55	03/08/14 05:12	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.8	U	1.8	0.35	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
<b>4,4'-DDE</b>	<b>0.40</b>	<b>J</b>	1.8	0.27	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
<b>4,4'-DDT</b>	<b>0.89</b>	<b>J</b>	1.8	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Aldrin	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
alpha-BHC	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
alpha-Chlordane	1.8	U	1.8	0.89	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
beta-BHC	1.8	U	1.8	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
<b>delta-BHC</b>	<b>0.56</b>	<b>J B</b>	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Dieldrin	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endosulfan I	1.8	U	1.8	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endosulfan II	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endosulfan sulfate	1.8	U	1.8	0.33	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endrin	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endrin aldehyde	1.8	U	1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Endrin ketone	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
gamma-BHC (Lindane)	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
<b>gamma-Chlordane</b>	<b>0.57</b>	<b>J</b>	1.8	0.57	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Heptachlor	1.8	U	1.8	0.28	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Heptachlor epoxide	1.8	U	1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Methoxychlor	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1
Toxaphene	18	U	18	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:40	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-0-2**

Date Collected: 03/04/14 09:00

Date Received: 03/05/14 08:45

**Lab Sample ID: 480-55489-1**

Matrix: Solid

Percent Solids: 91.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	102		32 - 136	03/07/14 08:22	03/07/14 16:40	1
Tetrachloro-m-xylene	48		30 - 124	03/07/14 08:22	03/07/14 16:40	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1221	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1232	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1242	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1248	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1254	0.23	U	0.23	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1
PCB-1260	0.23	U	0.23	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	106		46 - 175	03/06/14 08:02	03/07/14 09:09	1
DCB Decachlorobiphenyl	100		47 - 176	03/06/14 08:02	03/07/14 09:09	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6910		51.9	4.6	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Antimony	77.9	U	77.9	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Arsenic	2.6	J	10.4	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Barium	24.6		2.6	0.11	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Beryllium	0.17	J	1.0	0.029	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Cadmium	0.072	J	1.0	0.031	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Calcium	642		260	3.4	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Chromium	12.0		2.6	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Cobalt	4.1		2.6	0.052	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Copper	15.6		5.2	0.22	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Iron	9760		51.9	1.1	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Lead	4.9	J	5.2	0.25	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Magnesium	2130		104	0.96	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Manganese	324		1.0	0.033	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Nickel	7.6	J	26.0	0.24	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Potassium	980		156	20.8	mg/Kg	⊗	03/12/14 09:40	03/14/14 17:58	1
Selenium	20.8	U	20.8	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Silver	2.6	U	2.6	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Sodium	87.8	J	727	13.5	mg/Kg	⊗	03/12/14 09:40	03/14/14 17:58	1
Thallium	31.2	U	31.2	0.31	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Vanadium	18.8		2.6	0.11	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1
Zinc	19.5		10.4	0.16	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:05	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.0082	mg/Kg	⊗	03/06/14 11:00	03/06/14 12:56	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-4-6**

**Date Collected: 03/04/14 09:05**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-2**

**Matrix: Solid**

**Percent Solids: 90.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	190	U	190	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
bis (2-chloroisopropyl) ether	190	U	190	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4,5-Trichlorophenol	190	U	190	40	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4,6-Trichlorophenol	190	U	190	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4-Dichlorophenol	190	U	190	9.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4-Dimethylphenol	190	U	190	50	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4-Dinitrophenol	360	U	360	64	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,4-Dinitrotoluene	190	U	190	29	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2,6-Dinitrotoluene	190	U	190	45	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Chloronaphthalene	190	U	190	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Chlorophenol	190	U	190	9.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Methylphenol	190	U	190	5.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Methylnaphthalene	190	U	190	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Nitroaniline	360	U	360	59	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
2-Nitrophenol	190	U	190	8.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
3,3'-Dichlorobenzidine	190	U	190	160	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
3-Nitroaniline	360	U	360	42	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4,6-Dinitro-2-methylphenol	360	U	360	64	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Bromophenyl phenyl ether	190	U	190	59	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Chloro-3-methylphenol	190	U	190	7.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Chloroaniline	190	U	190	54	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Chlorophenyl phenyl ether	190	U	190	3.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Methylphenol	360	U	360	10	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Nitroaniline	360	U	360	21	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
4-Nitrophenol	360	U	360	45	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Acenaphthene	190	U	190	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Acenaphthylene	190	U	190	1.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Acetophenone	190	U	190	9.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Anthracene	190	U	190	4.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Atrazine	190	U	190	8.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzaldehyde	190	U	190	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzo[a]anthracene	190	U	190	3.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzo[a]pyrene	190	U	190	4.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzo[b]fluoranthene	190	U	190	3.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzo[g,h,i]perylene	190	U	190	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Benzo[k]fluoranthene	190	U	190	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Bis(2-chloroethoxy)methane	190	U	190	10	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Bis(2-chloroethyl)ether	190	U	190	16	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Bis(2-ethylhexyl) phthalate	190	U	190	59	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Butyl benzyl phthalate	190	U	190	49	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Caprolactam	190	U	190	80	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Carbazole	190	U	190	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Chrysene	190	U	190	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Dibenz(a,h)anthracene	190	U	190	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Di-n-butyl phthalate	190	U	190	64	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Di-n-octyl phthalate	190	U	190	4.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Dibenzofuran	190	U	190	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Diethyl phthalate	190	U	190	5.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Dimethyl phthalate	190	U	190	4.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-4-6**

**Date Collected: 03/04/14 09:05**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-2**

**Matrix: Solid**

**Percent Solids: 90.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	190	U	190	2.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Fluorene	190	U	190	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Hexachlorobenzene	190	U	190	9.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Hexachlorobutadiene	190	U	190	9.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Hexachlorocyclopentadiene	190	U	190	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Hexachloroethane	190	U	190	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Indeno[1,2,3-cd]pyrene	190	U	190	5.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Isophorone	190	U	190	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
N-Nitrosodi-n-propylamine	190	U	190	15	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
N-Nitrosodiphenylamine	190	U	190	10	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Naphthalene	190	U	190	3.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Nitrobenzene	190	U	190	8.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Pentachlorophenol	360	U	360	63	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Phenanthrene	190	U	190	3.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Phenol	190	U	190	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Pyrene	190	U	190	1.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		34 - 132				03/06/14 07:55	03/08/14 05:35	1
Phenol-d5 (Surr)	88		11 - 120				03/06/14 07:55	03/08/14 05:35	1
p-Terphenyl-d14 (Surr)	129		65 - 153				03/06/14 07:55	03/08/14 05:35	1
2,4,6-Tribromophenol (Surr)	101		39 - 146				03/06/14 07:55	03/08/14 05:35	1
2-Fluorobiphenyl	90		37 - 120				03/06/14 07:55	03/08/14 05:35	1
2-Fluorophenol (Surr)	80		18 - 120				03/06/14 07:55	03/08/14 05:35	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.8	U	1.8	0.35	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
4,4'-DDE	1.8	U	1.8	0.27	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
4,4'-DDT	1.8	U	1.8	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Aldrin	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
alpha-BHC	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
alpha-Chlordane	1.8	U	1.8	0.89	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
beta-BHC	1.8	U	1.8	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
<b>delta-BHC</b>	<b>0.67</b>	<b>J B</b>	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Dieldrin	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endosulfan I	1.8	U	1.8	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endosulfan II	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endosulfan sulfate	1.8	U	1.8	0.33	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endrin	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endrin aldehyde	1.8	U	1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Endrin ketone	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
gamma-BHC (Lindane)	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
gamma-Chlordane	1.8	U	1.8	0.57	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Heptachlor	1.8	U	1.8	0.28	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Heptachlor epoxide	1.8	U	1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Methoxychlor	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1
Toxaphene	18	U	18	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 16:58	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-4-6**

**Lab Sample ID: 480-55489-2**

Date Collected: 03/04/14 09:05

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 90.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	103		32 - 136	03/07/14 08:22	03/07/14 16:58	1
Tetrachloro-m-xylene	87		30 - 124	03/07/14 08:22	03/07/14 16:58	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.24	U	0.24	0.047	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1221	0.24	U	0.24	0.047	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1232	0.24	U	0.24	0.047	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1242	0.24	U	0.24	0.047	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1248	0.24	U	0.24	0.047	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1254	0.24	U	0.24	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1
PCB-1260	0.24	U	0.24	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		46 - 175	03/06/14 08:02	03/07/14 09:24	1
DCB Decachlorobiphenyl	110		47 - 176	03/06/14 08:02	03/07/14 09:24	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4900		60.2	5.3	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Antimony	90.4	U	90.4	0.48	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Arsenic	3.2 J		12.0	0.48	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Barium	19.3		3.0	0.13	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Beryllium	0.29 J		1.2	0.034	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Cadmium	0.10 J		1.2	0.036	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Calcium	382		301	4.0	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Chromium	8.5		3.0	0.24	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Cobalt	3.3		3.0	0.060	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Copper	214		6.0	0.25	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Iron	17500		60.2	1.3	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Lead	2.8 J		6.0	0.29	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Magnesium	845		120	1.1	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Manganese	512		1.2	0.039	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Nickel	4.2 J		30.1	0.28	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Potassium	541		181	24.1	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:01	1
Selenium	24.1	U	24.1	0.48	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Silver	3.0	U	3.0	0.24	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Sodium	54.2 J		843	15.7	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:01	1
Thallium	36.1	U	36.1	0.36	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Vanadium	13.7		3.0	0.13	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1
Zinc	11.5 J		12.0	0.18	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:08	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	U	0.022	0.0089	mg/Kg	⊗	03/06/14 11:00	03/06/14 13:04	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-8-10**

**Date Collected: 03/04/14 09:10**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-3**

**Matrix: Solid**

**Percent Solids: 93.9**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	180	U	180	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
bis (2-chloroisopropyl) ether	180	U	180	18	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4,5-Trichlorophenol	180	U	180	38	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4,6-Trichlorophenol	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4-Dichlorophenol	180	U	180	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4-Dimethylphenol	180	U	180	47	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4-Dinitrophenol	340	U	340	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,4-Dinitrotoluene	180	U	180	27	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2,6-Dinitrotoluene	180	U	180	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Chloronaphthalene	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Chlorophenol	180	U	180	8.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Methylphenol	180	U	180	5.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Methylnaphthalene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Nitroaniline	340	U	340	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
2-Nitrophenol	180	U	180	8.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
3,3'-Dichlorobenzidine	180	U	180	150	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
3-Nitroaniline	340	U	340	40	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4,6-Dinitro-2-methylphenol	340	U	340	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Bromophenyl phenyl ether	180	U	180	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Chloro-3-methylphenol	180	U	180	7.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Chloroaniline	180	U	180	52	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Chlorophenyl phenyl ether	180	U	180	3.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Methylphenol	340	U	340	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Nitroaniline	340	U	340	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
4-Nitrophenol	340	U	340	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Acenaphthene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Acenaphthylene	180	U	180	1.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Acetophenone	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Anthracene	180	U	180	4.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Atrazine	180	U	180	7.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzaldehyde	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzo[a]anthracene	180	U	180	3.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzo[a]pyrene	180	U	180	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzo[b]fluoranthene	180	U	180	3.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzo[g,h,i]perylene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Benzo[k]fluoranthene	180	U	180	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Bis(2-chloroethoxy)methane	180	U	180	9.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Bis(2-chloroethyl)ether	180	U	180	15	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Bis(2-ethylhexyl) phthalate	180	U	180	57	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Butyl benzyl phthalate	180	U	180	47	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Caprolactam	180	U	180	76	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Carbazole	180	U	180	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Chrysene	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Dibenz(a,h)anthracene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Di-n-butyl phthalate	180	U	180	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Di-n-octyl phthalate	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Dibenzofuran	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Diethyl phthalate	180	U	180	5.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Dimethyl phthalate	180	U	180	4.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-8-10**

**Lab Sample ID: 480-55489-3**

Date Collected: 03/04/14 09:10

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 93.9

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	180	U	180	2.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Fluorene	180	U	180	4.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Hexachlorobenzene	180	U	180	8.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Hexachlorobutadiene	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Hexachlorocyclopentadiene	180	U	180	53	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Hexachloroethane	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Indeno[1,2,3-cd]pyrene	180	U	180	4.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Isophorone	180	U	180	8.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
N-Nitrosodi-n-propylamine	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
N-Nitrosodiphenylamine	180	U	180	9.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Naphthalene	180	U	180	2.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Nitrobenzene	180	U	180	7.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Pentachlorophenol	340	U	340	60	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Phenanthrene	180	U	180	3.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Phenol	180	U	180	18	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Pyrene	180	U	180	1.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		34 - 132				03/06/14 07:55	03/08/14 05:58	1
Phenol-d5 (Surr)	91		11 - 120				03/06/14 07:55	03/08/14 05:58	1
p-Terphenyl-d14 (Surr)	116		65 - 153				03/06/14 07:55	03/08/14 05:58	1
2,4,6-Tribromophenol (Surr)	102		39 - 146				03/06/14 07:55	03/08/14 05:58	1
2-Fluorobiphenyl	90		37 - 120				03/06/14 07:55	03/08/14 05:58	1
2-Fluorophenol (Surr)	81		18 - 120				03/06/14 07:55	03/08/14 05:58	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.7	U	1.7	0.34	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
4,4'-DDE	1.7	U	1.7	0.26	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
4,4'-DDT	1.7	U	1.7	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Aldrin	1.7	U	1.7	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
alpha-BHC	1.7	U	1.7	0.31	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
alpha-Chlordane	1.7	U	1.7	0.87	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
beta-BHC	1.7	U	1.7	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
<b>delta-BHC</b>	<b>0.41</b>	<b>J B</b>	1.7	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Dieldrin	1.7	U	1.7	0.42	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endosulfan I	1.7	U	1.7	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endosulfan II	1.7	U	1.7	0.31	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endosulfan sulfate	1.7	U	1.7	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endrin	1.7	U	1.7	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endrin aldehyde	1.7	U	1.7	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Endrin ketone	1.7	U	1.7	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
gamma-BHC (Lindane)	1.7	U	1.7	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
gamma-Chlordane	1.7	U	1.7	0.55	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Heptachlor	1.7	U	1.7	0.27	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Heptachlor epoxide	1.7	U	1.7	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Methoxychlor	1.7	U	1.7	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1
Toxaphene	17	U	17	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:15	1

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-8-10**

**Lab Sample ID: 480-55489-3**

Date Collected: 03/04/14 09:10

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 93.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	97		32 - 136	03/07/14 08:22	03/07/14 17:15	1
Tetrachloro-m-xylene	83		30 - 124	03/07/14 08:22	03/07/14 17:15	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1221	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1232	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1242	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1248	0.23	U	0.23	0.044	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1254	0.23	U	0.23	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1
PCB-1260	0.23	U	0.23	0.11	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	110		46 - 175	03/06/14 08:02	03/07/14 09:39	1
DCB Decachlorobiphenyl	105		47 - 176	03/06/14 08:02	03/07/14 09:39	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	601		53.2	4.7	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Antimony	79.8	U	79.8	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Arsenic	0.74	J	10.6	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Barium	6.7		2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Beryllium	0.055	J	1.1	0.030	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Cadmium	0.064	J	1.1	0.032	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Calcium	38.5	J	266	3.5	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Chromium	2.6	J	2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Cobalt	1.7	J	2.7	0.053	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Copper	3.9	J	5.3	0.22	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Iron	2270		53.2	1.2	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Lead	0.69	J	5.3	0.26	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Magnesium	63.9	J	106	0.99	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Manganese	169		1.1	0.034	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Nickel	1.4	J	26.6	0.24	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Potassium	85.4	J	160	21.3	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:04	1
Selenium	21.3	U	21.3	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Silver	2.7	U	2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Sodium	745	U	745	13.8	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:04	1
Thallium	31.9	U	31.9	0.32	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Vanadium	2.3	J	2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1
Zinc	3.6	J	10.6	0.16	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:11	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	U	0.021	0.0086	mg/Kg	⊗	03/06/14 11:00	03/06/14 13:06	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-0-2**

**Date Collected: 03/04/14 09:15**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-4**

**Matrix: Solid**

**Percent Solids: 93.4**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	180	U	180	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
bis (2-chloroisopropyl) ether	180	U	180	18	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4,5-Trichlorophenol	180	U	180	39	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4,6-Trichlorophenol	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4-Dichlorophenol	180	U	180	9.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4-Dimethylphenol	180	U	180	48	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4-Dinitrophenol	350	U	350	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,4-Dinitrotoluene	180	U	180	27	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2,6-Dinitrotoluene	180	U	180	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Chloronaphthalene	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Chlorophenol	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Methylphenol	180	U	180	5.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Methylnaphthalene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Nitroaniline	350	U	350	57	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
2-Nitrophenol	180	U	180	8.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
3,3'-Dichlorobenzidine	180	U	180	160	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
3-Nitroaniline	350	U	350	41	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4,6-Dinitro-2-methylphenol	350	U	350	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Bromophenyl phenyl ether	180	U	180	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Chloro-3-methylphenol	180	U	180	7.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Chloroaniline	180	U	180	52	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Chlorophenyl phenyl ether	180	U	180	3.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Methylphenol	350	U	350	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Nitroaniline	350	U	350	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
4-Nitrophenol	350	U	350	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Acenaphthene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Acenaphthylene	180	U	180	1.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Acetophenone	180	U	180	9.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Anthracene	180	U	180	4.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Atrazine	180	U	180	7.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzaldehyde	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzo[a]anthracene	180	U	180	3.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzo[a]pyrene	180	U	180	4.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzo[b]fluoranthene	180	U	180	3.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzo[g,h,i]perylene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Benzo[k]fluoranthene	180	U	180	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Bis(2-chloroethoxy)methane	180	U	180	9.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Bis(2-chloroethyl)ether	180	U	180	15	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Bis(2-ethylhexyl) phthalate	180	U	180	57	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Butyl benzyl phthalate	180	U	180	47	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Caprolactam	180	U	180	77	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Carbazole	180	U	180	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Chrysene	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Dibenz(a,h)anthracene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Di-n-butyl phthalate	180	U	180	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Di-n-octyl phthalate	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Dibenzofuran	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Diethyl phthalate	180	U	180	5.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Dimethyl phthalate	180	U	180	4.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-0-2**

**Date Collected: 03/04/14 09:15**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-4**

**Matrix: Solid**

**Percent Solids: 93.4**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	180	U	180	2.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Fluorene	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Hexachlorobenzene	180	U	180	8.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Hexachlorobutadiene	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Hexachlorocyclopentadiene	180	U	180	53	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Hexachloroethane	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Indeno[1,2,3-cd]pyrene	180	U	180	4.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Isophorone	180	U	180	8.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
N-Nitrosodi-n-propylamine	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
N-Nitrosodiphenylamine	180	U	180	9.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Naphthalene	180	U	180	2.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Nitrobenzene	180	U	180	7.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Pentachlorophenol	350	U	350	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Phenanthrene	180	U	180	3.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Phenol	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Pyrene	180	U	180	1.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	82		34 - 132				03/06/14 07:55	03/08/14 06:21	1
Phenol-d5 (Surr)	87		11 - 120				03/06/14 07:55	03/08/14 06:21	1
p-Terphenyl-d14 (Surr)	123		65 - 153				03/06/14 07:55	03/08/14 06:21	1
2,4,6-Tribromophenol (Surr)	103		39 - 146				03/06/14 07:55	03/08/14 06:21	1
2-Fluorobiphenyl	87		37 - 120				03/06/14 07:55	03/08/14 06:21	1
2-Fluorophenol (Surr)	80		18 - 120				03/06/14 07:55	03/08/14 06:21	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>4,4'-DDD</b>	<b>0.36</b>	<b>J</b>	1.8	0.34	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>4,4'-DDE</b>	<b>1.0</b>	<b>J</b>	1.8	0.26	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>4,4'-DDT</b>	<b>1.3</b>	<b>J</b>	1.8	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>Aldrin</b>	<b>0.62</b>	<b>J</b>	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
alpha-BHC	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
alpha-Chlordane	1.8	U	1.8	0.88	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
beta-BHC	1.8	U	1.8	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>delta-BHC</b>	<b>1.4</b>	<b>J B</b>	1.8	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Dieldrin	1.8	U	1.8	0.42	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endosulfan I	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endosulfan II	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endosulfan sulfate	1.8	U	1.8	0.33	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endrin	1.8	U	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endrin aldehyde	1.8	U	1.8	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Endrin ketone	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
gamma-BHC (Lindane)	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>gamma-Chlordane</b>	<b>0.89</b>	<b>J</b>	1.8	0.56	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Heptachlor	1.8	U	1.8	0.28	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
<b>Heptachlor epoxide</b>	<b>2.2</b>		1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Methoxychlor	1.8	U	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1
Toxaphene	18	U	18	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:33	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-0-2**

Date Collected: 03/04/14 09:15

Date Received: 03/05/14 08:45

**Lab Sample ID: 480-55489-4**

Matrix: Solid

Percent Solids: 93.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	101		32 - 136	03/07/14 08:22	03/07/14 17:33	1
Tetrachloro-m-xylene	88		30 - 124	03/07/14 08:22	03/07/14 17:33	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.22	U	0.22	0.043	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
PCB-1221	0.22	U	0.22	0.043	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
PCB-1232	0.22	U	0.22	0.043	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
<b>PCB-1242</b>	<b>0.054</b>	<b>J</b>	0.22	0.043	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
PCB-1248	0.22	U	0.22	0.043	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
PCB-1254	0.22	U	0.22	0.10	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1
PCB-1260	0.22	U	0.22	0.10	mg/Kg	⊗	03/06/14 08:02	03/07/14 09:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	115		46 - 175	03/06/14 08:02	03/07/14 09:53	1
DCB Decachlorobiphenyl	110		47 - 176	03/06/14 08:02	03/07/14 09:53	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4790		53.3	4.7	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Antimony	0.63	J	79.9	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Arsenic	3.2	J	10.7	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Barium	14.7		2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Beryllium	0.37	J	1.1	0.030	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Cadmium	0.30	J	1.1	0.032	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Calcium	413		266	3.5	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Chromium	12.6		2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Cobalt	4.6		2.7	0.053	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Copper	23.8		5.3	0.22	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Iron	17900		53.3	1.2	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Lead	5.3		5.3	0.26	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Magnesium	982		107	0.99	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Manganese	375		1.1	0.034	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Nickel	6.0	J	26.6	0.25	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Potassium	483		160	21.3	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:07	1
Selenium	0.57	J	21.3	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Silver	2.7	U	2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Sodium	44.4	J	746	13.8	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:07	1
Thallium	32.0	U	32.0	0.32	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Vanadium	14.2		2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1
Zinc	23.7		10.7	0.16	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:13	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.020	0.0079	mg/Kg	⊗	03/06/14 11:00	03/06/14 13:07	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-4-6**

**Date Collected: 03/04/14 09:20**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-5**

**Matrix: Solid**

**Percent Solids: 93.6**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	180	U	180	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
bis (2-chloroisopropyl) ether	180	U	180	18	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4,5-Trichlorophenol	180	U	180	38	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4,6-Trichlorophenol	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4-Dichlorophenol	180	U	180	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4-Dimethylphenol	180	U	180	47	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4-Dinitrophenol	340	U	340	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,4-Dinitrotoluene	180	U	180	27	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2,6-Dinitrotoluene	180	U	180	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Chloronaphthalene	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Chlorophenol	180	U	180	8.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Methylphenol	180	U	180	5.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Methylnaphthalene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Nitroaniline	340	U	340	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
2-Nitrophenol	180	U	180	8.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
3,3'-Dichlorobenzidine	180	U	180	150	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
3-Nitroaniline	340	U	340	40	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4,6-Dinitro-2-methylphenol	340	U	340	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Bromophenyl phenyl ether	180	U	180	56	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Chloro-3-methylphenol	180	U	180	7.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Chloroaniline	180	U	180	52	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Chlorophenyl phenyl ether	180	U	180	3.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Methylphenol	340	U	340	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Nitroaniline	340	U	340	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
4-Nitrophenol	340	U	340	43	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Acenaphthene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Acenaphthylene	180	U	180	1.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Acetophenone	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Anthracene	180	U	180	4.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Atrazine	180	U	180	7.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzaldehyde	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzo[a]anthracene	180	U	180	3.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzo[a]pyrene	180	U	180	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzo[b]fluoranthene	180	U	180	3.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzo[g,h,i]perylene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Benzo[k]fluoranthene	180	U	180	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Bis(2-chloroethoxy)methane	180	U	180	9.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Bis(2-chloroethyl)ether	180	U	180	15	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Bis(2-ethylhexyl) phthalate	180	U	180	57	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Butyl benzyl phthalate	180	U	180	47	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Caprolactam	180	U	180	76	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Carbazole	180	U	180	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Chrysene	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Dibenz(a,h)anthracene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Di-n-butyl phthalate	180	U	180	61	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Di-n-octyl phthalate	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Dibenzofuran	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Diethyl phthalate	180	U	180	5.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Dimethyl phthalate	180	U	180	4.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-4-6**

**Date Collected: 03/04/14 09:20**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-5**

**Matrix: Solid**

**Percent Solids: 93.6**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	180	U	180	2.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Fluorene	180	U	180	4.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Hexachlorobenzene	180	U	180	8.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Hexachlorobutadiene	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Hexachlorocyclopentadiene	180	U	180	53	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Hexachloroethane	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Indeno[1,2,3-cd]pyrene	180	U	180	4.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Isophorone	180	U	180	8.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
N-Nitrosodi-n-propylamine	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
N-Nitrosodiphenylamine	180	U	180	9.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Naphthalene	180	U	180	2.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Nitrobenzene	180	U	180	7.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Pentachlorophenol	340	U	340	60	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Phenanthrene	180	U	180	3.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Phenol	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Pyrene	180	U	180	1.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 06:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	85		34 - 132				03/06/14 07:55	03/08/14 06:44	1
Phenol-d5 (Surr)	89		11 - 120				03/06/14 07:55	03/08/14 06:44	1
p-Terphenyl-d14 (Surr)	128		65 - 153				03/06/14 07:55	03/08/14 06:44	1
2,4,6-Tribromophenol (Surr)	105		39 - 146				03/06/14 07:55	03/08/14 06:44	1
2-Fluorobiphenyl	91		37 - 120				03/06/14 07:55	03/08/14 06:44	1
2-Fluorophenol (Surr)	82		18 - 120				03/06/14 07:55	03/08/14 06:44	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.8	U	1.8	0.34	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
4,4'-DDE	1.8	U	1.8	0.26	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
4,4'-DDT	1.8	U	1.8	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Aldrin	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
alpha-BHC	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
alpha-Chlordane	1.8	U	1.8	0.87	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
beta-BHC	1.8	U	1.8	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
<b>delta-BHC</b>	<b>0.41</b>	<b>J B</b>	1.8	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Dieldrin	1.8	U	1.8	0.42	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endosulfan I	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endosulfan II	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endosulfan sulfate	1.8	U	1.8	0.33	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endrin	1.8	U	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endrin aldehyde	1.8	U	1.8	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Endrin ketone	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
gamma-BHC (Lindane)	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
gamma-Chlordane	1.8	U	1.8	0.56	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Heptachlor	1.8	U	1.8	0.27	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Heptachlor epoxide	1.8	U	1.8	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Methoxychlor	1.8	U	1.8	0.24	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1
Toxaphene	18	U	18	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 17:50	1

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-4-6**

**Lab Sample ID: 480-55489-5**

Date Collected: 03/04/14 09:20

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 93.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	92		32 - 136	03/07/14 08:22	03/07/14 17:50	1
Tetrachloro-m-xylene	80		30 - 124	03/07/14 08:22	03/07/14 17:50	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.20	U	0.20	0.039	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1221	0.20	U	0.20	0.039	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1232	0.20	U	0.20	0.039	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1242	0.20	U	0.20	0.039	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1248	0.20	U	0.20	0.039	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1254	0.20	U	0.20	0.093	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1
PCB-1260	0.20	U	0.20	0.093	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	117		46 - 175	03/06/14 08:02	03/07/14 10:08	1
DCB Decachlorobiphenyl	114		47 - 176	03/06/14 08:02	03/07/14 10:08	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	962		52.9	4.7	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Antimony	79.4	U	79.4	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Arsenic	1.2 J		10.6	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Barium	5.9		2.6	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Beryllium	0.10 J		1.1	0.030	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Cadmium	1.1	U	1.1	0.032	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Calcium	126 J		265	3.5	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Chromium	3.9		2.6	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Cobalt	0.91 J		2.6	0.053	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Copper	4.5 J		5.3	0.22	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Iron	7860		52.9	1.2	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Lead	1.2 J		5.3	0.25	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Magnesium	208		106	0.98	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Manganese	90.0		1.1	0.034	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Nickel	1.9 J		26.5	0.24	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Potassium	155 J		159	21.2	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:09	1
Selenium	21.2	U	21.2	0.42	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Silver	2.6	U	2.6	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Sodium	21.1 J		741	13.8	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:09	1
Thallium	31.8	U	31.8	0.32	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Vanadium	4.7		2.6	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1
Zinc	4.5 J		10.6	0.16	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:16	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020	U	0.020	0.0081	mg/Kg	⊗	03/06/14 11:00	03/06/14 13:13	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-6-8**

**Date Collected: 03/04/14 09:25**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-6**

**Matrix: Solid**

**Percent Solids: 93.0**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	180	U	180	11	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
bis (2-chloroisopropyl) ether	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4,5-Trichlorophenol	180	U	180	39	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4,6-Trichlorophenol	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4-Dichlorophenol	180	U	180	9.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4-Dimethylphenol	180	U	180	49	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4-Dinitrophenol	350	U	350	63	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,4-Dinitrotoluene	180	U	180	28	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2,6-Dinitrotoluene	180	U	180	44	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Chloronaphthalene	180	U	180	12	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Chlorophenol	180	U	180	9.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Methylphenol	180	U	180	5.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Methylnaphthalene	180	U	180	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Nitroaniline	350	U	350	58	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
2-Nitrophenol	180	U	180	8.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
3,3'-Dichlorobenzidine	180	U	180	160	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
3-Nitroaniline	350	U	350	42	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4,6-Dinitro-2-methylphenol	350	U	350	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Bromophenyl phenyl ether	180	U	180	58	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Chloro-3-methylphenol	180	U	180	7.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Chloroaniline	180	U	180	53	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Chlorophenyl phenyl ether	180	U	180	3.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Methylphenol	350	U	350	10	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Nitroaniline	350	U	350	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
4-Nitrophenol	350	U	350	44	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Acenaphthene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Acenaphthylene	180	U	180	1.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Acetophenone	180	U	180	9.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Anthracene	180	U	180	4.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Atrazine	180	U	180	8.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzaldehyde	180	U	180	20	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzo[a]anthracene	180	U	180	3.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzo[a]pyrene	180	U	180	4.4	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzo[b]fluoranthene	180	U	180	3.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzo[g,h,i]perylene	180	U	180	2.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Benzo[k]fluoranthene	180	U	180	2.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Bis(2-chloroethoxy)methane	180	U	180	9.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Bis(2-chloroethyl)ether	180	U	180	16	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Bis(2-ethylhexyl) phthalate	180	U	180	58	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Butyl benzyl phthalate	180	U	180	49	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Caprolactam	180	U	180	78	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Carbazole	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Chrysene	180	U	180	1.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Dibenz(a,h)anthracene	180	U	180	2.1	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Di-n-butyl phthalate	180	U	180	63	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Di-n-octyl phthalate	180	U	180	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Dibenzofuran	180	U	180	1.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Diethyl phthalate	180	U	180	5.5	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Dimethyl phthalate	180	U	180	4.7	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-6-8**

**Date Collected: 03/04/14 09:25**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-6**

**Matrix: Solid**

**Percent Solids: 93.0**

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	180	U	180	2.6	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Fluorene	180	U	180	4.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Hexachlorobenzene	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Hexachlorobutadiene	180	U	180	9.3	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Hexachlorocyclopentadiene	180	U	180	55	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Hexachloroethane	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Indeno[1,2,3-cd]pyrene	180	U	180	5.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Isophorone	180	U	180	9.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
N-Nitrosodi-n-propylamine	180	U	180	14	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
N-Nitrosodiphenylamine	180	U	180	9.9	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Naphthalene	180	U	180	3.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Nitrobenzene	180	U	180	8.0	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Pentachlorophenol	350	U	350	62	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Phenanthrene	180	U	180	3.8	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Phenol	180	U	180	19	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Pyrene	180	U	180	1.2	ug/Kg	⊗	03/06/14 07:55	03/08/14 07:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		34 - 132				03/06/14 07:55	03/08/14 07:06	1
Phenol-d5 (Surr)	85		11 - 120				03/06/14 07:55	03/08/14 07:06	1
p-Terphenyl-d14 (Surr)	123		65 - 153				03/06/14 07:55	03/08/14 07:06	1
2,4,6-Tribromophenol (Surr)	102		39 - 146				03/06/14 07:55	03/08/14 07:06	1
2-Fluorobiphenyl	89		37 - 120				03/06/14 07:55	03/08/14 07:06	1
2-Fluorophenol (Surr)	77		18 - 120				03/06/14 07:55	03/08/14 07:06	1

## Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	1.8	U	1.8	0.35	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
4,4'-DDE	1.8	U	1.8	0.27	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
4,4'-DDT	1.8	U	1.8	0.18	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Aldrin	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
alpha-BHC	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
alpha-Chlordane	1.8	U	1.8	0.89	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
beta-BHC	1.8	U	1.8	0.19	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
<b>delta-BHC</b>	<b>0.47</b>	<b>J B</b>	1.8	0.23	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Dieldrin	1.8	U	1.8	0.43	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endosulfan I	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endosulfan II	1.8	U	1.8	0.32	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endosulfan sulfate	1.8	U	1.8	0.33	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endrin	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endrin aldehyde	1.8	U	1.8	0.45	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Endrin ketone	1.8	U	1.8	0.44	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
gamma-BHC (Lindane)	1.8	U	1.8	0.22	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
gamma-Chlordane	1.8	U	1.8	0.57	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Heptachlor	1.8	U	1.8	0.28	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Heptachlor epoxide	1.8	U	1.8	0.46	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Methoxychlor	1.8	U	1.8	0.25	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1
Toxaphene	18	U	18	10	ug/Kg	⊗	03/07/14 08:22	03/07/14 18:08	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-076-6-8**

Date Collected: 03/04/14 09:25

Date Received: 03/05/14 08:45

**Lab Sample ID: 480-55489-6**

Matrix: Solid

Percent Solids: 93.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	100		32 - 136	03/07/14 08:22	03/07/14 18:08	1
Tetrachloro-m-xylene	86		30 - 124	03/07/14 08:22	03/07/14 18:08	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.19	U	0.19	0.038	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1221	0.19	U	0.19	0.038	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1232	0.19	U	0.19	0.038	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1242	0.19	U	0.19	0.038	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1248	0.19	U	0.19	0.038	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1254	0.19	U	0.19	0.090	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1
PCB-1260	0.19	U	0.19	0.090	mg/Kg	⊗	03/06/14 08:02	03/07/14 10:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	113		46 - 175	03/06/14 08:02	03/07/14 10:23	1
DCB Decachlorobiphenyl	109		47 - 176	03/06/14 08:02	03/07/14 10:23	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4620		53.3	4.7	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Antimony	80.0	U	80.0	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Arsenic	1.2	J	10.7	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Barium	25.0		2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Beryllium	0.28	J	1.1	0.030	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Cadmium	0.058	J	1.1	0.032	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Calcium	415		267	3.5	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Chromium	12.5		2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Cobalt	3.0		2.7	0.053	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Copper	16.0		5.3	0.22	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Iron	11600		53.3	1.2	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Lead	3.1	J	5.3	0.26	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Magnesium	1110		107	0.99	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Manganese	263		1.1	0.034	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Nickel	6.0	J	26.7	0.25	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Potassium	863		160	21.3	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:12	1
Selenium	0.46	J	21.3	0.43	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Silver	2.7	U	2.7	0.21	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Sodium	54.2	J	747	13.9	mg/Kg	⊗	03/12/14 09:40	03/14/14 18:12	1
Thallium	32.0	U	32.0	0.32	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Vanadium	14.8		2.7	0.12	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1
Zinc	17.8		10.7	0.16	mg/Kg	⊗	03/12/14 09:40	03/14/14 04:19	1

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	U	0.022	0.0088	mg/Kg	⊗	03/06/14 11:00	03/06/14 13:15	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: FB034**

**Date Collected: 03/04/14 08:00**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-7**

**Matrix: Water**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	4.6	U	4.6	0.44	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,4,6-Trichlorophenol	4.6	U	4.6	0.56	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,4-Dichlorophenol	4.6	U	4.6	0.47	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,4-Dimethylphenol	4.6	U	4.6	0.46	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,4-Dinitrophenol	9.2	U	9.2	2.0	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,4-Dinitrotoluene	4.6	U	4.6	0.41	ug/L	03/07/14 06:19	03/08/14 14:12		1
2,6-Dinitrotoluene	4.6	U	4.6	0.37	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Chloronaphthalene	4.6	U	4.6	0.42	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Chlorophenol	4.6	U	4.6	0.49	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Methylnaphthalene	4.6	U	4.6	0.55	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Methylphenol	4.6	U	4.6	0.37	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Nitroaniline	9.2	U	9.2	0.39	ug/L	03/07/14 06:19	03/08/14 14:12		1
2-Nitrophenol	4.6	U	4.6	0.44	ug/L	03/07/14 06:19	03/08/14 14:12		1
3,3'-Dichlorobenzidine	4.6	U	4.6	0.37	ug/L	03/07/14 06:19	03/08/14 14:12		1
3-Nitroaniline	9.2	U	9.2	0.44	ug/L	03/07/14 06:19	03/08/14 14:12		1
4,6-Dinitro-2-methylphenol	9.2	U	9.2	2.0	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Bromophenyl phenyl ether	4.6	U	4.6	0.41	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Chloro-3-methylphenol	4.6	U	4.6	0.41	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Chloroaniline	4.6	U *	4.6	0.54	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Chlorophenyl phenyl ether	4.6	U	4.6	0.32	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Methylphenol	9.2	U	9.2	0.33	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Nitroaniline	9.2	U	9.2	0.23	ug/L	03/07/14 06:19	03/08/14 14:12		1
4-Nitrophenol	9.2	U	9.2	1.4	ug/L	03/07/14 06:19	03/08/14 14:12		1
Acenaphthene	4.6	U	4.6	0.38	ug/L	03/07/14 06:19	03/08/14 14:12		1
Acenaphthylene	4.6	U	4.6	0.35	ug/L	03/07/14 06:19	03/08/14 14:12		1
<b>Acetophenone</b>	<b>2.3</b>	<b>J</b>	4.6	0.50	ug/L	03/07/14 06:19	03/08/14 14:12		1
Anthracene	4.6	U	4.6	0.26	ug/L	03/07/14 06:19	03/08/14 14:12		1
Atrazine	4.6	U	4.6	0.42	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzaldehyde	4.6	U	4.6	0.25	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzo[a]anthracene	4.6	U	4.6	0.33	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzo[a]pyrene	4.6	U	4.6	0.43	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzo[b]fluoranthene	4.6	U *	4.6	0.31	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzo[g,h,i]perylene	4.6	U	4.6	0.32	ug/L	03/07/14 06:19	03/08/14 14:12		1
Benzo[k]fluoranthene	4.6	U	4.6	0.67	ug/L	03/07/14 06:19	03/08/14 14:12		1
Biphenyl	4.6	U	4.6	0.60	ug/L	03/07/14 06:19	03/08/14 14:12		1
bis (2-chloroisopropyl) ether	4.6	U	4.6	0.48	ug/L	03/07/14 06:19	03/08/14 14:12		1
Bis(2-chloroethoxy)methane	4.6	U	4.6	0.32	ug/L	03/07/14 06:19	03/08/14 14:12		1
Bis(2-chloroethyl)ether	4.6	U	4.6	0.37	ug/L	03/07/14 06:19	03/08/14 14:12		1
Bis(2-ethylhexyl) phthalate	4.6	U	4.6	1.7	ug/L	03/07/14 06:19	03/08/14 14:12		1
Butyl benzyl phthalate	4.6	U	4.6	0.39	ug/L	03/07/14 06:19	03/08/14 14:12		1
Caprolactam	4.6	U	4.6	2.0	ug/L	03/07/14 06:19	03/08/14 14:12		1
Carbazole	4.6	U	4.6	0.28	ug/L	03/07/14 06:19	03/08/14 14:12		1
Chrysene	4.6	U	4.6	0.30	ug/L	03/07/14 06:19	03/08/14 14:12		1
Dibenz(a,h)anthracene	4.6	U	4.6	0.39	ug/L	03/07/14 06:19	03/08/14 14:12		1
Dibenzofuran	9.2	U	9.2	0.47	ug/L	03/07/14 06:19	03/08/14 14:12		1
Diethyl phthalate	4.6	U	4.6	0.20	ug/L	03/07/14 06:19	03/08/14 14:12		1
Dimethyl phthalate	4.6	U	4.6	0.33	ug/L	03/07/14 06:19	03/08/14 14:12		1
<b>Di-n-butyl phthalate</b>	<b>0.85</b>	<b>J B</b>	4.6	0.28	ug/L	03/07/14 06:19	03/08/14 14:12		1
Di-n-octyl phthalate	4.6	U	4.6	0.43	ug/L	03/07/14 06:19	03/08/14 14:12		1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: FB034**

**Date Collected: 03/04/14 08:00**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-7**

**Matrix: Water**

**Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	4.6	U	4.6	0.37	ug/L		03/07/14 06:19	03/08/14 14:12	1
Fluorene	4.6	U	4.6	0.33	ug/L		03/07/14 06:19	03/08/14 14:12	1
Hexachlorobenzene	4.6	U	4.6	0.47	ug/L		03/07/14 06:19	03/08/14 14:12	1
Hexachlorobutadiene	4.6	U	4.6	0.62	ug/L		03/07/14 06:19	03/08/14 14:12	1
Hexachlorocyclopentadiene	4.6	U	4.6	0.54	ug/L		03/07/14 06:19	03/08/14 14:12	1
Hexachloroethane	4.6	U	4.6	0.54	ug/L		03/07/14 06:19	03/08/14 14:12	1
Indeno[1,2,3-cd]pyrene	4.6	U	4.6	0.43	ug/L		03/07/14 06:19	03/08/14 14:12	1
Isophorone	4.6	U	4.6	0.40	ug/L		03/07/14 06:19	03/08/14 14:12	1
Naphthalene	4.6	U	4.6	0.70	ug/L		03/07/14 06:19	03/08/14 14:12	1
Nitrobenzene	4.6	U	4.6	0.27	ug/L		03/07/14 06:19	03/08/14 14:12	1
N-Nitrosodi-n-propylamine	4.6	U	4.6	0.50	ug/L		03/07/14 06:19	03/08/14 14:12	1
N-Nitrosodiphenylamine	4.6	U	4.6	0.47	ug/L		03/07/14 06:19	03/08/14 14:12	1
Pentachlorophenol	9.2	U	9.2	2.0	ug/L		03/07/14 06:19	03/08/14 14:12	1
Phenanthrene	4.6	U	4.6	0.40	ug/L		03/07/14 06:19	03/08/14 14:12	1
Phenol	4.6	U	4.6	0.36	ug/L		03/07/14 06:19	03/08/14 14:12	1
Pyrene	4.6	U	4.6	0.31	ug/L		03/07/14 06:19	03/08/14 14:12	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4,6-Tribromophenol (Surr)	114		52 - 132				03/07/14 06:19	03/08/14 14:12	1
2-Fluorobiphenyl	100		48 - 120				03/07/14 06:19	03/08/14 14:12	1
2-Fluorophenol (Surr)	64		20 - 120				03/07/14 06:19	03/08/14 14:12	1
Nitrobenzene-d5 (Surr)	95		46 - 120				03/07/14 06:19	03/08/14 14:12	1
Phenol-d5 (Surr)	45		16 - 120				03/07/14 06:19	03/08/14 14:12	1
p-Terphenyl-d14 (Surr)	112		67 - 150				03/07/14 06:19	03/08/14 14:12	1

**Method: 8081B - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.046	U	0.046	0.0085	ug/L		03/08/14 07:55	03/10/14 10:04	1
4,4'-DDE	0.046	U	0.046	0.011	ug/L		03/08/14 07:55	03/10/14 10:04	1
4,4'-DDT	0.046	U	0.046	0.010	ug/L		03/08/14 07:55	03/10/14 10:04	1
Aldrin	0.046	U	0.046	0.0061	ug/L		03/08/14 07:55	03/10/14 10:04	1
alpha-BHC	0.046	U	0.046	0.0061	ug/L		03/08/14 07:55	03/10/14 10:04	1
alpha-Chlordane	0.046	U	0.046	0.014	ug/L		03/08/14 07:55	03/10/14 10:04	1
beta-BHC	0.046	U	0.046	0.023	ug/L		03/08/14 07:55	03/10/14 10:04	1
<b>delta-BHC</b>	<b>0.0097 J</b>		0.046	0.0092	ug/L		03/08/14 07:55	03/10/14 10:04	1
Dieldrin	0.046	U	0.046	0.0090	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endosulfan I	0.046	U	0.046	0.010	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endosulfan II	0.046	U	0.046	0.011	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endosulfan sulfate	0.046	U	0.046	0.014	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endrin	0.046	U	0.046	0.013	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endrin aldehyde	0.046	U	0.046	0.015	ug/L		03/08/14 07:55	03/10/14 10:04	1
Endrin ketone	0.046	U	0.046	0.011	ug/L		03/08/14 07:55	03/10/14 10:04	1
<b>gamma-BHC (Lindane)</b>	<b>0.012 J</b>		0.046	0.0055	ug/L		03/08/14 07:55	03/10/14 10:04	1
gamma-Chlordane	0.046	U	0.046	0.010	ug/L		03/08/14 07:55	03/10/14 10:04	1
Heptachlor	0.046	U	0.046	0.0078	ug/L		03/08/14 07:55	03/10/14 10:04	1
Heptachlor epoxide	0.046	U	0.046	0.0049	ug/L		03/08/14 07:55	03/10/14 10:04	1
Methoxychlor	0.046	U	0.046	0.013	ug/L		03/08/14 07:55	03/10/14 10:04	1
Toxaphene	0.46	U	0.46	0.11	ug/L		03/08/14 07:55	03/10/14 10:04	1

TestAmerica Buffalo

# Client Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: FB034**

**Date Collected: 03/04/14 08:00**

**Date Received: 03/05/14 08:45**

**Lab Sample ID: 480-55489-7**

**Matrix: Water**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		20 - 120	03/08/14 07:55	03/10/14 10:04	1
Tetrachloro-m-xylene	74		36 - 120	03/08/14 07:55	03/10/14 10:04	1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	0.48	U	0.48	0.17	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1221	0.48	U	0.48	0.17	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1232	0.48	U	0.48	0.17	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1242	0.48	U	0.48	0.17	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1248	0.48	U	0.48	0.17	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1254	0.48	U	0.48	0.24	ug/L		03/07/14 06:30	03/08/14 03:36	1
PCB-1260	0.48	U	0.48	0.24	ug/L		03/07/14 06:30	03/08/14 03:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		23 - 127	03/07/14 06:30	03/08/14 03:36	1
DCB Decachlorobiphenyl	53		19 - 126	03/07/14 06:30	03/08/14 03:36	1

## Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.20	U	0.20	0.060	mg/L		03/06/14 09:05	03/06/14 23:35	1
Antimony	0.020	U	0.020	0.0068	mg/L		03/06/14 09:05	03/06/14 23:35	1
Arsenic	0.015	U	0.015	0.0056	mg/L		03/06/14 09:05	03/06/14 23:35	1
Barium	0.0020	U	0.0020	0.00070	mg/L		03/06/14 09:05	03/06/14 23:35	1
Beryllium	0.0020	U	0.0020	0.00030	mg/L		03/06/14 09:05	03/06/14 23:35	1
Cadmium	0.0020	U	0.0020	0.00050	mg/L		03/06/14 09:05	03/06/14 23:35	1
<b>Calcium</b>	<b>0.11</b>	<b>J</b>	0.50	0.10	mg/L		03/06/14 09:05	03/06/14 23:35	1
Chromium	0.0040	U	0.0040	0.0010	mg/L		03/06/14 09:05	03/06/14 23:35	1
Cobalt	0.0040	U	0.0040	0.00063	mg/L		03/06/14 09:05	03/06/14 23:35	1
<b>Copper</b>	<b>0.0019</b>	<b>J</b>	0.010	0.0016	mg/L		03/06/14 09:05	03/06/14 23:35	1
Iron	0.050	U	0.050	0.019	mg/L		03/06/14 09:05	03/06/14 23:35	1
Lead	0.010	U	0.010	0.0030	mg/L		03/06/14 09:05	03/06/14 23:35	1
Magnesium	0.20	U	0.20	0.043	mg/L		03/06/14 09:05	03/06/14 23:35	1
Manganese	0.0030	U	0.0030	0.00040	mg/L		03/06/14 09:05	03/06/14 23:35	1
Nickel	0.010	U	0.010	0.0013	mg/L		03/06/14 09:05	03/06/14 23:35	1
Potassium	0.50	U	0.50	0.10	mg/L		03/06/14 09:05	03/06/14 23:35	1
Selenium	0.025	U	0.025	0.0087	mg/L		03/06/14 09:05	03/06/14 23:35	1
Silver	0.0060	U	0.0060	0.0017	mg/L		03/06/14 09:05	03/06/14 23:35	1
<b>Sodium</b>	<b>0.43</b>	<b>J</b>	1.0	0.32	mg/L		03/06/14 09:05	03/06/14 23:35	1
Thallium	0.020	U	0.020	0.010	mg/L		03/06/14 09:05	03/06/14 23:35	1
Vanadium	0.0050	U	0.0050	0.0015	mg/L		03/06/14 09:05	03/06/14 23:35	1
Zinc	0.010	U	0.010	0.0015	mg/L		03/06/14 09:05	03/06/14 23:35	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.00012	mg/L		03/06/14 09:20	03/06/14 14:23	1

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## Surrogate Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		NBZ (34-132)	PHL (11-120)	TPH (65-153)	TBP (39-146)	FBP (37-120)	2FP (18-120)
480-55489-1	LT-C-075-0-2	87	89	129	104	92	81
480-55489-2	LT-C-075-4-6	84	88	129	101	90	80
480-55489-3	LT-C-075-8-10	85	91	116	102	90	81
480-55489-4	LT-C-076-0-2	82	87	123	103	87	80
480-55489-5	LT-C-076-4-6	85	89	128	105	91	82
480-55489-6	LT-C-076-6-8	84	85	123	102	89	77
LCS 480-168801/2-A	Lab Control Sample	105	100	122	111	107	96
MB 480-168801/1-A	Method Blank	93	99	103	107	98	90

#### Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPH = p-Terphenyl-d14 (Surr)

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

### Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (52-132)	FBP (48-120)	2FP (20-120)	NBZ (46-120)	PHL (16-120)	TPH (67-150)
480-55489-7	FB034	114	100	64	95	45	112
LCS 480-168985/2-A	Lab Control Sample	121	100	75	97	59	110
LCSD 480-168985/3-A	Lab Control Sample Dup	111	96	75	93	60	104
MB 480-168985/1-A	Method Blank	101	89	66	89	48	103

#### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPH = p-Terphenyl-d14 (Surr)

### Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (32-136)	TCX2 (30-124)
480-55489-1	LT-C-075-0-2	102	48
480-55489-1 MS	LT-C-075-0-2	99	92
480-55489-1 MSD	LT-C-075-0-2	101	85
480-55489-2	LT-C-075-4-6	103	87
480-55489-3	LT-C-075-8-10	97	83
480-55489-4	LT-C-076-0-2	101	88
480-55489-5	LT-C-076-4-6	92	80
480-55489-6	LT-C-076-6-8	100	86

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## Surrogate Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (32-136)	TCX2 (30-124)
LCS 480-169025/2-A	Lab Control Sample	102	90
MB 480-169025/1-A	Method Blank	97	91

**Surrogate Legend**

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

### Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB2 (20-120)	TCX2 (36-120)
480-55489-7	FB034	54	74
LCS 480-169215/2-A	Lab Control Sample	74	77
MB 480-169215/1-A	Method Blank	74	81

**Surrogate Legend**

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (46-175)	DCB2 (47-176)
480-55489-1	LT-C-075-0-2	106	100
480-55489-1 MS	LT-C-075-0-2	128	119
480-55489-1 MSD	LT-C-075-0-2	52	115
480-55489-2	LT-C-075-4-6	116	110
480-55489-3	LT-C-075-8-10	110	105
480-55489-4	LT-C-076-0-2	115	110
480-55489-5	LT-C-076-4-6	117	114
480-55489-6	LT-C-076-6-8	113	109
LCS 480-168804/2-A	Lab Control Sample	120	115
MB 480-168804/1-A	Method Blank	122	112

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (23-127)	DCB2 (19-126)
480-55489-7	FB034	88	53
LCS 480-168988/2-A	Lab Control Sample	91	57

TestAmerica Buffalo

## Surrogate Summary

Client: Posillico Consulting

TestAmerica Job ID: 480-55489-1

Project/Site: Glen Isle: Data Gap Field Program

### Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TCX2 (23-127)	DCB2 (19-126)	
MB 480-168988/1-A	Method Blank	83	59	

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 480-168801/1-A**

**Matrix: Solid**

**Analysis Batch: 168976**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168801**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4,5-Trichlorophenol	170	U	170	37	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,4,6-Trichlorophenol	170	U	170	11	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,4-Dichlorophenol	170	U	170	8.8	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,4-Dimethylphenol	170	U	170	45	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,4-Dinitrophenol	330	U	330	59	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,4-Dinitrotoluene	170	U	170	26	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2,6-Dinitrotoluene	170	U	170	41	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Chloronaphthalene	170	U	170	11	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Chlorophenol	170	U	170	8.6	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Methylnaphthalene	170	U	170	2.0	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Methylphenol	170	U	170	5.2	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Nitroaniline	330	U	330	54	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
2-Nitrophenol	170	U	170	7.7	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
3,3'-Dichlorobenzidine	170	U	170	150	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
3-Nitroaniline	330	U	330	39	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4,6-Dinitro-2-methylphenol	330	U	330	58	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Bromophenyl phenyl ether	170	U	170	54	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Chloro-3-methylphenol	170	U	170	6.9	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Chloroaniline	170	U	170	49	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Chlorophenyl phenyl ether	170	U	170	3.6	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Methylphenol	330	U	330	9.4	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Nitroaniline	330	U	330	19	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
4-Nitrophenol	330	U	330	41	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Acenaphthene	170	U	170	2.0	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Acenaphthylene	170	U	170	1.4	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Acetophenone	170	U	170	8.6	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Anthracene	170	U	170	4.3	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Atrazine	170	U	170	7.5	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzaldehyde	170	U	170	18	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzo[a]anthracene	170	U	170	2.9	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzo[a]pyrene	170	U	170	4.1	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzo[b]fluoranthene	170	U	170	3.3	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzo[g,h,i]perylene	170	U	170	2.0	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Benzo[k]fluoranthene	170	U	170	1.9	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Biphenyl	170	U	170	10	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
bis (2-chloroisopropyl) ether	170	U	170	18	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Bis(2-chloroethoxy)methane	170	U	170	9.2	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Bis(2-chloroethyl)ether	170	U	170	15	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Bis(2-ethylhexyl) phthalate	170	U	170	54	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Butyl benzyl phthalate	170	U	170	45	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Caprolactam	170	U	170	73	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Carbazole	170	U	170	1.9	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Chrysene	170	U	170	1.7	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Dibenz(a,h)anthracene	170	U	170	2.0	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Dibenzofuran	170	U	170	1.8	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Diethyl phthalate	170	U	170	5.1	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Dimethyl phthalate	170	U	170	4.4	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1
Di-n-butyl phthalate	170	U	170	58	ug/Kg	03/06/14 07:55	03/07/14 04:59	03/07/14 04:59	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168801/1-A**

**Matrix: Solid**

**Analysis Batch: 168976**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168801**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	170	U	170		170	3.9	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Fluoranthene	170	U	170		170	2.4	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Fluorene	170	U	170		170	3.9	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Hexachlorobenzene	170	U	170		170	8.4	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Hexachlorobutadiene	170	U	170		170	8.6	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Hexachlorocyclopentadiene	170	U	170		170	51	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Hexachloroethane	170	U	170		170	13	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Indeno[1,2,3-cd]pyrene	170	U	170		170	4.7	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Isophorone	170	U	170		170	8.4	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Naphthalene	170	U	170		170	2.8	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Nitrobenzene	170	U	170		170	7.5	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
N-Nitrosodi-n-propylamine	170	U	170		170	13	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
N-Nitrosodiphenylamine	170	U	170		170	9.2	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Pentachlorophenol	330	U	330			58	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Phenanthrene	170	U	170		170	3.5	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Phenol	170	U	170		170	18	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Pyrene	170	U	170		170	1.1	ug/Kg		03/06/14 07:55	03/07/14 04:59	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier									
Nitrobenzene-d5 (Surr)	93		34 - 132			03/06/14 07:55	03/07/14 04:59				1
2,4,6-Tribromophenol (Surr)	107		39 - 146			03/06/14 07:55	03/07/14 04:59				1
Phenol-d5 (Surr)	99		11 - 120			03/06/14 07:55	03/07/14 04:59				1
2-Fluorobiphenyl	98		37 - 120			03/06/14 07:55	03/07/14 04:59				1
p-Terphenyl-d14 (Surr)	103		65 - 153			03/06/14 07:55	03/07/14 04:59				1
2-Fluorophenol (Surr)	90		18 - 120			03/06/14 07:55	03/07/14 04:59				1

**Lab Sample ID: LCS 480-168801/2-A**

**Matrix: Solid**

**Analysis Batch: 168976**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168801**

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier						Limits	Limits
2,4-Dinitrotoluene		3310		3300		ug/Kg		100	55 - 125	
2-Chlorophenol		3310		3080		ug/Kg		93	38 - 120	
4-Chloro-3-methylphenol		3310		3650		ug/Kg		110	49 - 125	
4-Nitrophenol		6630		7820		ug/Kg		118	43 - 137	
Acenaphthene		3310		3240		ug/Kg		98	53 - 120	
Atrazine		3310		3320		ug/Kg		100	60 - 164	
Bis(2-ethylhexyl) phthalate		3310		3620		ug/Kg		109	61 - 133	
Fluorene		3310		3660		ug/Kg		110	63 - 126	
Hexachloroethane		3310		2860		ug/Kg		86	41 - 120	
N-Nitrosodi-n-propylamine		3310		3420		ug/Kg		103	46 - 120	
Pentachlorophenol		6630		7230		ug/Kg		109	33 - 136	
Phenol		3310		3000		ug/Kg		90	36 - 120	
Pyrene		3310		3490		ug/Kg		105	51 - 133	
Surrogate	LCS	LCS	%Recovery	Qualifier	Limits	Result	D	%Rec	%Rec.	
	Result	Qualifier							Limits	Limits
Nitrobenzene-d5 (Surr)	105		34 - 132							

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-168801/2-A**

**Matrix: Solid**

**Analysis Batch: 168976**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168801**

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
2,4,6-Tribromophenol (Surr)	111		39 - 146
Phenol-d5 (Surr)	100		11 - 120
2-Fluorobiphenyl	107		37 - 120
p-Terphenyl-d14 (Surr)	122		65 - 153
2-Fluorophenol (Surr)	96		18 - 120

**Lab Sample ID: MB 480-168985/1-A**

**Matrix: Water**

**Analysis Batch: 169194**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168985**

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
2,4,5-Trichlorophenol	5.0	U		5.0	0.48	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,4,6-Trichlorophenol	5.0	U		5.0	0.61	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,4-Dichlorophenol	5.0	U		5.0	0.51	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,4-Dimethylphenol	5.0	U		5.0	0.50	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,4-Dinitrophenol	10	U		10	2.2	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,4-Dinitrotoluene	5.0	U		5.0	0.45	ug/L		03/07/14 06:19	03/08/14 07:48	1
2,6-Dinitrotoluene	5.0	U		5.0	0.40	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Chloronaphthalene	5.0	U		5.0	0.46	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Chlorophenol	5.0	U		5.0	0.53	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Methylnaphthalene	5.0	U		5.0	0.60	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Methylphenol	5.0	U		5.0	0.40	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Nitroaniline	10	U		10	0.42	ug/L		03/07/14 06:19	03/08/14 07:48	1
2-Nitrophenol	5.0	U		5.0	0.48	ug/L		03/07/14 06:19	03/08/14 07:48	1
3,3'-Dichlorobenzidine	5.0	U		5.0	0.40	ug/L		03/07/14 06:19	03/08/14 07:48	1
3-Nitroaniline	10	U		10	0.48	ug/L		03/07/14 06:19	03/08/14 07:48	1
4,6-Dinitro-2-methylphenol	10	U		10	2.2	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Bromophenyl phenyl ether	5.0	U		5.0	0.45	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Chloro-3-methylphenol	5.0	U		5.0	0.45	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Chloroaniline	5.0	U		5.0	0.59	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Chlorophenyl phenyl ether	5.0	U		5.0	0.35	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Methylphenol	10	U		10	0.36	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Nitroaniline	10	U		10	0.25	ug/L		03/07/14 06:19	03/08/14 07:48	1
4-Nitrophenol	10	U		10	1.5	ug/L		03/07/14 06:19	03/08/14 07:48	1
Acenaphthene	5.0	U		5.0	0.41	ug/L		03/07/14 06:19	03/08/14 07:48	1
Acenaphthylene	5.0	U		5.0	0.38	ug/L		03/07/14 06:19	03/08/14 07:48	1
Acetophenone	5.0	U		5.0	0.54	ug/L		03/07/14 06:19	03/08/14 07:48	1
Anthracene	5.0	U		5.0	0.28	ug/L		03/07/14 06:19	03/08/14 07:48	1
Atrazine	5.0	U		5.0	0.46	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzaldehyde	5.0	U		5.0	0.27	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzo[a]anthracene	5.0	U		5.0	0.36	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzo[a]pyrene	5.0	U		5.0	0.47	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzo[b]fluoranthene	5.0	U		5.0	0.34	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzo[g,h,i]perylene	5.0	U		5.0	0.35	ug/L		03/07/14 06:19	03/08/14 07:48	1
Benzo[k]fluoranthene	5.0	U		5.0	0.73	ug/L		03/07/14 06:19	03/08/14 07:48	1
Biphenyl	5.0	U		5.0	0.65	ug/L		03/07/14 06:19	03/08/14 07:48	1
bis (2-chloroisopropyl) ether	5.0	U		5.0	0.52	ug/L		03/07/14 06:19	03/08/14 07:48	1
Bis(2-chloroethoxy)methane	5.0	U		5.0	0.35	ug/L		03/07/14 06:19	03/08/14 07:48	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 480-168985/1-A**

**Matrix: Water**

**Analysis Batch: 169194**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168985**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bis(2-chloroethyl)ether	5.0	U	5.0	0.40	ug/L		03/07/14 06:19	03/08/14 07:48	1
Bis(2-ethylhexyl) phthalate	5.0	U	5.0	1.8	ug/L		03/07/14 06:19	03/08/14 07:48	1
Butyl benzyl phthalate	0.533	J	5.0	0.42	ug/L		03/07/14 06:19	03/08/14 07:48	1
Caprolactam	5.0	U	5.0	2.2	ug/L		03/07/14 06:19	03/08/14 07:48	1
Carbazole	5.0	U	5.0	0.30	ug/L		03/07/14 06:19	03/08/14 07:48	1
Chrysene	5.0	U	5.0	0.33	ug/L		03/07/14 06:19	03/08/14 07:48	1
Dibenz(a,h)anthracene	5.0	U	5.0	0.42	ug/L		03/07/14 06:19	03/08/14 07:48	1
Dibenzofuran	10	U	10	0.51	ug/L		03/07/14 06:19	03/08/14 07:48	1
Diethyl phthalate	5.0	U	5.0	0.22	ug/L		03/07/14 06:19	03/08/14 07:48	1
Dimethyl phthalate	5.0	U	5.0	0.36	ug/L		03/07/14 06:19	03/08/14 07:48	1
Di-n-butyl phthalate	0.450	J	5.0	0.31	ug/L		03/07/14 06:19	03/08/14 07:48	1
Di-n-octyl phthalate	5.0	U	5.0	0.47	ug/L		03/07/14 06:19	03/08/14 07:48	1
Fluoranthene	5.0	U	5.0	0.40	ug/L		03/07/14 06:19	03/08/14 07:48	1
Fluorene	5.0	U	5.0	0.36	ug/L		03/07/14 06:19	03/08/14 07:48	1
Hexachlorobenzene	5.0	U	5.0	0.51	ug/L		03/07/14 06:19	03/08/14 07:48	1
Hexachlorobutadiene	5.0	U	5.0	0.68	ug/L		03/07/14 06:19	03/08/14 07:48	1
Hexachlorocyclopentadiene	5.0	U	5.0	0.59	ug/L		03/07/14 06:19	03/08/14 07:48	1
Hexachloroethane	5.0	U	5.0	0.59	ug/L		03/07/14 06:19	03/08/14 07:48	1
Indeno[1,2,3-cd]pyrene	5.0	U	5.0	0.47	ug/L		03/07/14 06:19	03/08/14 07:48	1
Isophorone	5.0	U	5.0	0.43	ug/L		03/07/14 06:19	03/08/14 07:48	1
Naphthalene	1.18	J	5.0	0.76	ug/L		03/07/14 06:19	03/08/14 07:48	1
Nitrobenzene	5.0	U	5.0	0.29	ug/L		03/07/14 06:19	03/08/14 07:48	1
N-Nitrosodi-n-propylamine	5.0	U	5.0	0.54	ug/L		03/07/14 06:19	03/08/14 07:48	1
N-Nitrosodiphenylamine	5.0	U	5.0	0.51	ug/L		03/07/14 06:19	03/08/14 07:48	1
Pentachlorophenol	10	U	10	2.2	ug/L		03/07/14 06:19	03/08/14 07:48	1
Phenanthrene	5.0	U	5.0	0.44	ug/L		03/07/14 06:19	03/08/14 07:48	1
Phenol	5.0	U	5.0	0.39	ug/L		03/07/14 06:19	03/08/14 07:48	1
Pyrene	5.0	U	5.0	0.34	ug/L		03/07/14 06:19	03/08/14 07:48	1

**MB MB**

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
			46 - 120	52 - 132			
Nitrobenzene-d5 (Surr)	89		46 - 120		03/07/14 06:19	03/08/14 07:48	1
2,4,6-Tribromophenol (Surr)	101		52 - 132		03/07/14 06:19	03/08/14 07:48	1
Phenol-d5 (Surr)	48		16 - 120		03/07/14 06:19	03/08/14 07:48	1
2-Fluorobiphenyl	89		48 - 120		03/07/14 06:19	03/08/14 07:48	1
p-Terphenyl-d14 (Surr)	103		67 - 150		03/07/14 06:19	03/08/14 07:48	1
2-Fluorophenol (Surr)	66		20 - 120		03/07/14 06:19	03/08/14 07:48	1

**Lab Sample ID: LCS 480-168985/2-A**

**Matrix: Water**

**Analysis Batch: 169194**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168985**

Analyte	Spike		LCS		Unit	D	%Rec	Limits	
	Added	Result	Qualifier	Unit				65 - 154	
2,4-Dinitrotoluene	32.0	35.3		ug/L		110		65 - 154	
2-Chlorophenol	32.0	30.3		ug/L		95		48 - 120	
4-Chloro-3-methylphenol	32.0	34.7		ug/L		109		64 - 120	
4-Nitrophenol	64.0	56.3		ug/L		88		16 - 120	
Acenaphthene	32.0	31.8		ug/L		99		60 - 120	
Atrazine	32.0	36.2		ug/L		113		56 - 179	

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 480-168985/2-A**

**Matrix: Water**

**Analysis Batch: 169194**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168985**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Bis(2-ethylhexyl) phthalate	32.0	38.3		ug/L		120	53 - 158
Fluorene	32.0	31.8		ug/L		99	55 - 143
Hexachloroethane	32.0	28.8		ug/L		90	14 - 101
N-Nitrosodi-n-propylamine	32.0	32.8		ug/L		102	56 - 120
Pentachlorophenol	64.0	69.2		ug/L		108	39 - 136
Phenol	32.0	19.9		ug/L		62	17 - 120
Pyrene	32.0	34.4		ug/L		108	58 - 136

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	97		46 - 120
2,4,6-Tribromophenol (Surr)	121		52 - 132
Phenol-d5 (Surr)	59		16 - 120
2-Fluorobiphenyl	100		48 - 120
p-Terphenyl-d14 (Surr)	110		67 - 150
2-Fluorophenol (Surr)	75		20 - 120

**Lab Sample ID: LCSD 480-168985/3-A**

**Matrix: Water**

**Analysis Batch: 169194**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 168985**

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier						
2,4-Dinitrotoluene	32.0	32.7		ug/L		102	65 - 154	8	20
2-Chlorophenol	32.0	29.9		ug/L		94	48 - 120	1	25
4-Chloro-3-methylphenol	32.0	32.8		ug/L		103	64 - 120	6	27
4-Nitrophenol	64.0	52.7		ug/L		82	16 - 120	7	48
Acenaphthene	32.0	30.0		ug/L		94	60 - 120	6	24
Atrazine	32.0	33.2		ug/L		104	56 - 179	9	20
Bis(2-ethylhexyl) phthalate	32.0	34.7		ug/L		108	53 - 158	10	15
Fluorene	32.0	29.9		ug/L		94	55 - 143	6	15
Hexachloroethane	32.0	28.3		ug/L		89	14 - 101	2	46
N-Nitrosodi-n-propylamine	32.0	32.7		ug/L		102	56 - 120	0	31
Pentachlorophenol	64.0	63.4		ug/L		99	39 - 136	9	37
Phenol	32.0	20.1		ug/L		63	17 - 120	1	34
Pyrene	32.0	31.2		ug/L		97	58 - 136	10	19

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
Nitrobenzene-d5 (Surr)	93		46 - 120
2,4,6-Tribromophenol (Surr)	111		52 - 132
Phenol-d5 (Surr)	60		16 - 120
2-Fluorobiphenyl	96		48 - 120
p-Terphenyl-d14 (Surr)	104		67 - 150
2-Fluorophenol (Surr)	75		20 - 120

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 480-169025/1-A**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	1.7	U	1.7	0.32	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
4,4'-DDE	1.7	U	1.7	0.25	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
4,4'-DDT	1.7	U	1.7	0.17	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Aldrin	1.7	U	1.7	0.41	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
alpha-BHC	1.7	U	1.7	0.30	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
alpha-Chlordane	1.7	U	1.7	0.82	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
beta-BHC	1.7	U	1.7	0.18	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
delta-BHC	0.406	J	1.7	0.22	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Dieldrin	1.7	U	1.7	0.40	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endosulfan I	1.7	U	1.7	0.21	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endosulfan II	1.7	U	1.7	0.30	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endosulfan sulfate	1.7	U	1.7	0.31	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endrin	1.7	U	1.7	0.23	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endrin aldehyde	1.7	U	1.7	0.42	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Endrin ketone	1.7	U	1.7	0.41	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
gamma-BHC (Lindane)	1.7	U	1.7	0.20	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
gamma-Chlordane	1.7	U	1.7	0.52	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Heptachlor	1.7	U	1.7	0.26	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Heptachlor epoxide	1.7	U	1.7	0.43	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Methoxychlor	1.7	U	1.7	0.23	ug/Kg		03/07/14 08:22	03/07/14 14:03	1
Toxaphene	17	U	17	9.6	ug/Kg		03/07/14 08:22	03/07/14 14:03	1

**MB MB**

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
DCB Decachlorobiphenyl	97		32 - 136	03/07/14 08:22	03/07/14 14:03	1
Tetrachloro-m-xylene	91		30 - 124	03/07/14 08:22	03/07/14 14:03	1

**Lab Sample ID: LCS 480-169025/2-A**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
4,4'-DDD	16.6	16.7		ug/Kg		101	52 - 138
4,4'-DDE	16.6	16.4		ug/Kg		99	52 - 131
4,4'-DDT	16.6	15.3		ug/Kg		92	50 - 131
Aldrin	16.6	15.9		ug/Kg		96	35 - 120
alpha-BHC	16.6	14.9		ug/Kg		90	49 - 120
alpha-Chlordane	16.6	15.6		ug/Kg		94	40 - 133
beta-BHC	16.6	16.0		ug/Kg		97	52 - 127
delta-BHC	16.6	14.2		ug/Kg		85	45 - 123
Dieldrin	16.6	16.5		ug/Kg		100	50 - 131
Endosulfan I	16.6	16.2		ug/Kg		98	43 - 121
Endosulfan II	16.6	15.4		ug/Kg		93	48 - 134
Endosulfan sulfate	16.6	15.2		ug/Kg		92	46 - 144
Endrin	16.6	16.0		ug/Kg		96	46 - 134
Endrin aldehyde	16.6	14.0		ug/Kg		85	31 - 137
Endrin ketone	16.6	16.5		ug/Kg		100	44 - 140
gamma-BHC (Lindane)	16.6	14.9		ug/Kg		90	50 - 120
gamma-Chlordane	16.6	15.4		ug/Kg		93	52 - 129

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 480-169025/2-A**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte		Spike	LCS	LCS	Unit	D	%Rec.	Limits
		Added	Result	Qualifier				
Heptachlor		16.6	16.5		ug/Kg		100	51 - 121
Heptachlor epoxide		16.6	16.8		ug/Kg		101	52 - 129
Methoxychlor		16.6	18.4		ug/Kg		111	50 - 149

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	102		32 - 136
Tetrachloro-m-xylene	90		30 - 124

**Lab Sample ID: 480-55489-1 MS**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: LT-C-075-0-2**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
4,4'-DDD	1.8	U	18.0	17.7		ug/Kg	⊗	98	26 - 162
4,4'-DDE	0.40	J	18.0	17.7		ug/Kg	⊗	96	34 - 138
4,4'-DDT	0.89	J	18.0	17.6		ug/Kg	⊗	93	43 - 131
Aldrin	1.8	U	18.0	17.0		ug/Kg	⊗	95	37 - 125
alpha-BHC	1.8	U	18.0	15.8		ug/Kg	⊗	88	39 - 117
alpha-Chlordane	1.8	U	18.0	16.7		ug/Kg	⊗	93	29 - 141
beta-BHC	1.8	U	18.0	17.2		ug/Kg	⊗	96	36 - 139
delta-BHC	0.56	J B	18.0	15.8		ug/Kg	⊗	85	23 - 132
Dieldrin	1.8	U	18.0	18.1		ug/Kg	⊗	101	38 - 135
Endosulfan I	1.8	U	18.0	17.2		ug/Kg	⊗	95	39 - 128
Endosulfan II	1.8	U	18.0	16.6		ug/Kg	⊗	92	24 - 134
Endosulfan sulfate	1.8	U	18.0	17.7		ug/Kg	⊗	99	19 - 137
Endrin	1.8	U	18.0	16.8		ug/Kg	⊗	93	41 - 147
Endrin aldehyde	1.8	U	18.0	17.7		ug/Kg	⊗	98	20 - 120
Endrin ketone	1.8	U	18.0	18.9		ug/Kg	⊗	105	31 - 139
gamma-BHC (Lindane)	1.8	U	18.0	16.2		ug/Kg	⊗	90	50 - 120
gamma-Chlordane	0.57	J	18.0	16.8		ug/Kg	⊗	93	31 - 140
Heptachlor	1.8	U	18.0	18.1		ug/Kg	⊗	101	42 - 128
Heptachlor epoxide	1.8	U	18.0	18.6		ug/Kg	⊗	103	26 - 141
Methoxychlor	1.8	U	18.0	20.7		ug/Kg	⊗	115	44 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
DCB Decachlorobiphenyl	99		32 - 136
Tetrachloro-m-xylene	92		30 - 124

**Lab Sample ID: 480-55489-1 MSD**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: LT-C-075-0-2**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
4,4'-DDD	1.8	U	18.0	18.1		ug/Kg	⊗	101	26 - 162	2	21
4,4'-DDE	0.40	J	18.0	17.9		ug/Kg	⊗	98	34 - 138	2	18
4,4'-DDT	0.89	J	18.0	17.6		ug/Kg	⊗	93	43 - 131	0	25
Aldrin	1.8	U	18.0	17.4		ug/Kg	⊗	97	37 - 125	2	12
alpha-BHC	1.8	U	18.0	17.0		ug/Kg	⊗	95	39 - 117	7	15

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 480-55489-1 MSD**

**Matrix: Solid**

**Analysis Batch: 169024**

**Client Sample ID: LT-C-075-0-2**

**Prep Type: Total/NA**

**Prep Batch: 169025**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
alpha-Chlordane	1.8	U	18.0	17.0		ug/Kg	⊗	95	29 - 141	2	23
beta-BHC	1.8	U	18.0	17.8		ug/Kg	⊗	99	36 - 139	3	19
delta-BHC	0.56	J B	18.0	16.3		ug/Kg	⊗	87	23 - 132	3	14
Dieldrin	1.8	U	18.0	18.3		ug/Kg	⊗	102	38 - 135	1	12
Endosulfan I	1.8	U	18.0	17.4		ug/Kg	⊗	97	39 - 128	1	18
Endosulfan II	1.8	U	18.0	17.1		ug/Kg	⊗	95	24 - 134	3	26
Endosulfan sulfate	1.8	U	18.0	17.7		ug/Kg	⊗	98	19 - 137	0	35
Endrin	1.8	U	18.0	17.2		ug/Kg	⊗	96	41 - 147	2	20
Endrin aldehyde	1.8	U	18.0	17.7		ug/Kg	⊗	98	20 - 120	0	47
Endrin ketone	1.8	U	18.0	19.1		ug/Kg	⊗	106	31 - 139	1	37
gamma-BHC (Lindane)	1.8	U	18.0	16.7		ug/Kg	⊗	93	50 - 120	3	12
gamma-Chlordane	0.57	J	18.0	17.3		ug/Kg	⊗	96	31 - 140	3	15
Heptachlor	1.8	U	18.0	18.4		ug/Kg	⊗	102	42 - 128	1	22
Heptachlor epoxide	1.8	U	18.0	18.9		ug/Kg	⊗	105	26 - 141	2	15
Methoxychlor	1.8	U	18.0	20.4		ug/Kg	⊗	113	44 - 157	2	24
<b>Surrogate</b>		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
DCB Decachlorobiphenyl		101		32 - 136							
Tetrachloro-m-xylene		85		30 - 124							

**Lab Sample ID: MB 480-169215/1-A**

**Matrix: Water**

**Analysis Batch: 169279**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 169215**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4,4'-DDD	0.050	U	0.050	0.0092	ug/L		03/08/14 07:55	03/10/14 09:09	1
4,4'-DDE	0.050	U	0.050	0.012	ug/L		03/08/14 07:55	03/10/14 09:09	1
4,4'-DDT	0.050	U	0.050	0.011	ug/L		03/08/14 07:55	03/10/14 09:09	1
Aldrin	0.050	U	0.050	0.0066	ug/L		03/08/14 07:55	03/10/14 09:09	1
alpha-BHC	0.050	U	0.050	0.0066	ug/L		03/08/14 07:55	03/10/14 09:09	1
alpha-Chlordane	0.050	U	0.050	0.015	ug/L		03/08/14 07:55	03/10/14 09:09	1
beta-BHC	0.050	U	0.050	0.025	ug/L		03/08/14 07:55	03/10/14 09:09	1
delta-BHC	0.050	U	0.050	0.010	ug/L		03/08/14 07:55	03/10/14 09:09	1
Dieldrin	0.050	U	0.050	0.0098	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endosulfan I	0.050	U	0.050	0.011	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endosulfan II	0.050	U	0.050	0.012	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endosulfan sulfate	0.050	U	0.050	0.016	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endrin	0.050	U	0.050	0.014	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endrin aldehyde	0.050	U	0.050	0.016	ug/L		03/08/14 07:55	03/10/14 09:09	1
Endrin ketone	0.050	U	0.050	0.012	ug/L		03/08/14 07:55	03/10/14 09:09	1
gamma-BHC (Lindane)	0.050	U	0.050	0.0060	ug/L		03/08/14 07:55	03/10/14 09:09	1
gamma-Chlordane	0.050	U	0.050	0.011	ug/L		03/08/14 07:55	03/10/14 09:09	1
Heptachlor	0.050	U	0.050	0.0085	ug/L		03/08/14 07:55	03/10/14 09:09	1
Heptachlor epoxide	0.050	U	0.050	0.0053	ug/L		03/08/14 07:55	03/10/14 09:09	1
Methoxychlor	0.050	U	0.050	0.014	ug/L		03/08/14 07:55	03/10/14 09:09	1
Toxaphene	0.50	U	0.50	0.12	ug/L		03/08/14 07:55	03/10/14 09:09	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID:** MB 480-169215/1-A

**Matrix:** Water

**Analysis Batch:** 169279

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 169215

Surrogate	MB	MB	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl			74		20 - 120
Tetrachloro-m-xylene			81		36 - 120

**Prepared:** 03/08/14 07:55

**Analyzed:** 03/10/14 09:09

**Dil Fac:** 1

**Lab Sample ID:** LCS 480-169215/2-A

**Matrix:** Water

**Analysis Batch:** 169279

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

**Prep Batch:** 169215

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier					
4,4'-DDD	0.400	0.360		ug/L	90	51 - 138		
4,4'-DDE	0.400	0.350		ug/L	88	45 - 133		
4,4'-DDT	0.400	0.343		ug/L	86	50 - 136		
Aldrin	0.400	0.306		ug/L	77	40 - 125		
alpha-BHC	0.400	0.322		ug/L	81	52 - 125		
alpha-Chlordane	0.400	0.302		ug/L	76	52 - 133		
beta-BHC	0.400	0.351		ug/L	88	51 - 135		
delta-BHC	0.400	0.342		ug/L	85	51 - 132		
Dieldrin	0.400	0.361		ug/L	90	49 - 136		
Endosulfan I	0.400	0.345		ug/L	86	51 - 134		
Endosulfan II	0.400	0.354		ug/L	88	52 - 138		
Endosulfan sulfate	0.400	0.372		ug/L	93	47 - 136		
Endrin	0.400	0.373		ug/L	93	52 - 143		
Endrin aldehyde	0.400	0.382		ug/L	96	46 - 134		
Endrin ketone	0.400	0.377		ug/L	94	51 - 138		
gamma-BHC (Lindane)	0.400	0.336		ug/L	84	56 - 127		
gamma-Chlordane	0.400	0.336		ug/L	84	52 - 128		
Heptachlor	0.400	0.352		ug/L	88	51 - 125		
Heptachlor epoxide	0.400	0.356		ug/L	89	50 - 140		
Methoxychlor	0.400	0.404		ug/L	101	50 - 151		

Surrogate	LCs	LCs	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	74		20 - 120		
Tetrachloro-m-xylene	77		36 - 120		

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID:** MB 480-168804/1-A

**Matrix:** Solid

**Analysis Batch:** 168997

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

**Prep Batch:** 168804

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016			0.22	U	0.22	0.043	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1221			0.22	U	0.22	0.043	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1232			0.22	U	0.22	0.043	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1242			0.22	U	0.22	0.043	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1248			0.22	U	0.22	0.043	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1254			0.22	U	0.22	0.10	mg/Kg		03/06/14 08:02	03/07/14 08:10	1
PCB-1260			0.22	U	0.22	0.10	mg/Kg		03/06/14 08:02	03/07/14 08:10	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 480-168804/1-A**

**Matrix: Solid**

**Analysis Batch: 168997**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168804**

Surrogate	MB	MB	%Recovery	Qualifier	Limits
	Surrogate	%Recovery			
Tetrachloro-m-xylene		122			46 - 175
DCB Decachlorobiphenyl		112			47 - 176

**Prepared**

**Analyzed**

**Dil Fac**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168804**

**Lab Sample ID: LCS 480-168804/2-A**

**Matrix: Solid**

**Analysis Batch: 168997**

Analyte	Spike	LCS	LCS	%Rec.	Limits
	Added	Result	Qualifier		
PCB-1016	2.11	2.56		mg/Kg	122
PCB-1260	2.11	2.64		mg/Kg	125

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Surrogate	%Recovery			
Tetrachloro-m-xylene	120				46 - 175
DCB Decachlorobiphenyl	115				47 - 176

**Lab Sample ID: 480-55489-1 MS**

**Matrix: Solid**

**Analysis Batch: 168997**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
PCB-1016	0.23	U	2.02	2.41		mg/Kg	⊗	119	42 - 159
PCB-1260	0.23	U	2.02	2.47		mg/Kg	⊗	122	47 - 153

Surrogate	MS	MS	%Recovery	Qualifier	Limits
	Surrogate	%Recovery			
Tetrachloro-m-xylene	128				46 - 175
DCB Decachlorobiphenyl	119				47 - 176

**Lab Sample ID: 480-55489-1 MSD**

**Matrix: Solid**

**Analysis Batch: 168997**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	0.23	U	2.36	2.79		mg/Kg	⊗	118	42 - 159	15	50
PCB-1260	0.23	U	2.36	2.90		mg/Kg	⊗	123	47 - 153	16	50

Surrogate	MSD	MSD	%Recovery	Qualifier	Limits
	Surrogate	%Recovery			
Tetrachloro-m-xylene	52				46 - 175
DCB Decachlorobiphenyl	115				47 - 176

**Lab Sample ID: MB 480-168988/1-A**

**Matrix: Water**

**Analysis Batch: 168997**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Surrogate	%Recovery									
PCB-1016		0.50	U		0.50	0.18	ug/L		03/07/14 06:30	03/08/14 00:24	1
PCB-1221		0.50	U		0.50	0.18	ug/L		03/07/14 06:30	03/08/14 00:24	1
PCB-1232		0.50	U		0.50	0.18	ug/L		03/07/14 06:30	03/08/14 00:24	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 480-168988/1-A**

**Matrix: Water**

**Analysis Batch: 168997**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168988**

Analyte	MB		RL	MDL	Unit	D	Prepared		Dil Fac
	Result	Qualifier					Prepared	Analyzed	
PCB-1242	0.50	U	0.50	0.18	ug/L	03/07/14 06:30	03/08/14 00:24	1	
PCB-1248	0.50	U	0.50	0.18	ug/L	03/07/14 06:30	03/08/14 00:24	1	
PCB-1254	0.50	U	0.50	0.25	ug/L	03/07/14 06:30	03/08/14 00:24	1	
PCB-1260	0.50	U	0.50	0.25	ug/L	03/07/14 06:30	03/08/14 00:24	1	

**MB MB**

Surrogate	%Recovery		Qualifier	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier					
Tetrachloro-m-xylene	83			23 - 127	03/07/14 06:30	03/08/14 00:24	1
DCB Decachlorobiphenyl	59			19 - 126	03/07/14 06:30	03/08/14 00:24	1

**Lab Sample ID: LCS 480-168988/2-A**

**Matrix: Water**

**Analysis Batch: 168997**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168988**

Analyte	Spike		Result	LCS Qualifier	Unit	D	%Rec.	
	Added						%Rec.	Limits
PCB-1016	4.00		3.72		ug/L	93	51 - 137	
PCB-1260	4.00		3.58		ug/L	90	45 - 139	

**LCS LCS**

Surrogate	%Recovery		Qualifier	Limits
	%Recovery	Qualifier		
Tetrachloro-m-xylene	91			23 - 127
DCB Decachlorobiphenyl	57			19 - 126

## Method: 6010C - Metals (ICP)

**Lab Sample ID: MB 480-168794/1-A**

**Matrix: Water**

**Analysis Batch: 169042**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168794**

Analyte	MB		RL	MDL	Unit	D	Prepared		Dil Fac
	Result	Qualifier					Prepared	Analyzed	
Aluminum	0.20	U	0.20	0.060	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Antimony	0.020	U	0.020	0.0068	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Arsenic	0.015	U	0.015	0.0056	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Barium	0.0020	U	0.0020	0.00070	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Beryllium	0.0020	U	0.0020	0.00030	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Cadmium	0.0020	U	0.0020	0.00050	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Calcium	0.50	U	0.50	0.10	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Chromium	0.0040	U	0.0040	0.0010	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Cobalt	0.0040	U	0.0040	0.00063	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Copper	0.010	U	0.010	0.0016	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Iron	0.050	U	0.050	0.019	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Lead	0.010	U	0.010	0.0030	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Magnesium	0.20	U	0.20	0.043	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Manganese	0.000480	J	0.0030	0.00040	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Nickel	0.010	U	0.010	0.0013	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Potassium	0.50	U	0.50	0.10	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Selenium	0.025	U	0.025	0.0087	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Silver	0.0060	U	0.0060	0.0017	mg/L	03/06/14 09:05	03/06/14 22:58	1	
Sodium	1.0	U	1.0	0.32	mg/L	03/06/14 09:05	03/06/14 22:58	1	

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: MB 480-168794/1-A**

**Matrix: Water**

**Analysis Batch: 169042**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168794**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Thallium	0.020	U	0.020		0.020	0.010	mg/L		03/06/14 09:05	03/06/14 22:58	1
Vanadium	0.0050	U			0.0050	0.0015	mg/L		03/06/14 09:05	03/06/14 22:58	1
Zinc	0.010	U			0.010	0.0015	mg/L		03/06/14 09:05	03/06/14 22:58	1

**Lab Sample ID: LCS 480-168794/2-A**

**Matrix: Water**

**Analysis Batch: 169042**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168794**

Analyte	Spike Added	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Added	Result							
Aluminum	10.0	10.39				mg/L		104	80 - 120	
Antimony	0.200	0.199				mg/L		100	80 - 120	
Arsenic	0.200	0.215				mg/L		107	80 - 120	
Barium	0.200	0.207				mg/L		104	80 - 120	
Beryllium	0.200	0.202				mg/L		101	80 - 120	
Cadmium	0.200	0.204				mg/L		102	80 - 120	
Calcium	10.0	10.15				mg/L		101	80 - 120	
Chromium	0.200	0.204				mg/L		102	80 - 120	
Cobalt	0.200	0.206				mg/L		103	80 - 120	
Copper	0.200	0.209				mg/L		105	80 - 120	
Iron	10.0	10.33				mg/L		103	80 - 120	
Lead	0.200	0.204				mg/L		102	80 - 120	
Magnesium	10.0	10.38				mg/L		104	80 - 120	
Manganese	0.200	0.208				mg/L		104	80 - 120	
Nickel	0.200	0.211				mg/L		105	80 - 120	
Potassium	10.0	10.22				mg/L		102	80 - 120	
Selenium	0.200	0.215				mg/L		107	80 - 120	
Silver	0.0500	0.0493				mg/L		99	80 - 120	
Sodium	10.0	10.06				mg/L		101	80 - 120	
Thallium	0.200	0.208				mg/L		104	80 - 120	
Vanadium	0.200	0.204				mg/L		102	80 - 120	
Zinc	0.200	0.200				mg/L		100	80 - 120	

**Lab Sample ID: MB 480-169718/1-A**

**Matrix: Solid**

**Analysis Batch: 170107**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 169718**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Aluminum	55.1	U	55.1		55.1	4.8	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Antimony	82.6	U	82.6		82.6	0.44	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Arsenic	11.0	U	11.0		11.0	0.44	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Barium	2.8	U	2.8		2.8	0.12	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Beryllium	1.1	U	1.1		1.1	0.031	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Cadmium	1.1	U	1.1		1.1	0.033	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Calcium	275	U	275		275	3.6	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Chromium	2.8	U	2.8		2.8	0.22	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Cobalt	2.8	U	2.8		2.8	0.055	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Copper	5.5	U	5.5		5.5	0.23	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Iron	55.1	U	55.1		55.1	1.2	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Lead	5.5	U	5.5		5.5	0.26	mg/Kg		03/12/14 09:40	03/14/14 03:59	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: MB 480-169718/1-A**

**Matrix: Solid**

**Analysis Batch: 170107**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 169718**

**MB MB**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	110	U	110	1.0	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Manganese	1.1	U	1.1	0.035	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Nickel	27.5	U	27.5	0.25	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Selenium	22.0	U	22.0	0.44	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Silver	2.8	U	2.8	0.22	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Thallium	33.1	U	33.1	0.33	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Vanadium	2.8	U	2.8	0.12	mg/Kg		03/12/14 09:40	03/14/14 03:59	1
Zinc	11.0	U	11.0	0.17	mg/Kg		03/12/14 09:40	03/14/14 03:59	1

**Lab Sample ID: MB 480-169718/1-A**

**Matrix: Solid**

**Analysis Batch: 170394**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 169718**

**MB MB**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	165	U	165	22.0	mg/Kg		03/12/14 09:40	03/14/14 17:53	1
Sodium	771	U	771	14.3	mg/Kg		03/12/14 09:40	03/14/14 17:53	1

**Lab Sample ID: LCSSRM 480-169718/2-A**

**Matrix: Solid**

**Analysis Batch: 170107**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 169718**

Analyte	Spike Added	LCSSRM	LCSSRM	Unit	D	%Rec.		Limits
		Result	Qualifier			%Rec	Limits	
Aluminum	8850	6971		mg/Kg		78.8	42.0 - 158.	
Antimony	88.3	82.90		mg/Kg		93.9	26.3 - 289.	
Arsenic	99.7	106.7		mg/Kg		107.0	69.3 - 130.	
Barium	310	321.9		mg/Kg		103.8	74.2 - 126.	
Beryllium	72.3	75.48		mg/Kg		104.3	73.9 - 126.	
Cadmium	182	194.5		mg/Kg		106.8	73.6 - 126.	
Calcium	6790	6387		mg/Kg		94.0	74.2 - 125.	
Chromium	136	133.2		mg/Kg		97.9	70.4 - 130.	
Cobalt	128	138.8		mg/Kg		108.4	74.1 - 125.	
Copper	102	105.2		mg/Kg		103.0	74.3 - 126.	
Iron	12600	9311		mg/Kg		73.8	31.0 - 168.	
Lead	115	124.2		mg/Kg		107.9	72.1 - 128.	
Magnesium	3010	2784		mg/Kg		92.5	66.1 - 133.	
Manganese	323	320.6		mg/Kg		99.2	74.9 - 125.	
Nickel	153	166.9		mg/Kg		109.0	73.2 - 126.	

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Method: 6010C - Metals (ICP) (Continued)

**Lab Sample ID: LCSSRM 480-169718/2-A**

**Matrix: Solid**

**Analysis Batch: 170107**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 169718**

Analyte	Spike	LCSSRM	LCSSRM	Unit	D	%Rec	%Limits
	Added	Result	Qualifier				
Selenium	150	161.2		mg/Kg		107.4	67.3 - 132.
Silver	40.4	41.27		mg/Kg		102.1	65.8 - 133.
Thallium	174	190.0		mg/Kg		109.1	69.0 - 131.
Vanadium	97.7	94.65		mg/Kg		96.9	65.2 - 135.
Zinc	161	166.6		mg/Kg		103.4	68.3 - 131.

**Lab Sample ID: LCSSRM 480-169718/2-A**

**Matrix: Solid**

**Analysis Batch: 170394**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 169718**

Analyte	Spike	LCSSRM	LCSSRM	Unit	D	%Rec	%Limits
	Added	Result	Qualifier				
Potassium	2840	2872		mg/Kg		101.1	62.0 - 138.
Sodium	2760	2997		mg/Kg		108.5	65.9 - 134.

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 480-168819/1-A**

**Matrix: Water**

**Analysis Batch: 168925**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168819**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.00020	U	0.00020	0.00012	mg/L		03/06/14 09:20	03/06/14 13:40	1

**Lab Sample ID: LCS 480-168819/2-A**

**Matrix: Water**

**Analysis Batch: 168925**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168819**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Limits
	Added	Result	Qualifier				
Mercury	0.00667	0.00635		mg/L		95	80 - 120

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

**Lab Sample ID: MB 480-168849/1-A**

**Matrix: Solid**

**Analysis Batch: 168917**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 168849**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.018	U	0.018	0.0075	mg/Kg		03/06/14 11:00	03/06/14 12:51	1

TestAmerica Buffalo

# QC Sample Results

Client: Posillico Consulting

TestAmerica Job ID: 480-55489-1

Project/Site: Glen Isle: Data Gap Field Program

## Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique) (Continued)

**Lab Sample ID: LCSSRM 480-168849/2-A**

**Matrix: Solid**

**Analysis Batch: 168917**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 168849**

Analyte	Spike	LCSSRM	LCSSRM				%Rec.	Limits
	Added	Result	Qualifier	Unit	D	%Rec		
Mercury	3.77	2.77		mg/Kg		73.3	50.9 - 149.	1

**Lab Sample ID: 480-55489-1 MS**

**Matrix: Solid**

**Analysis Batch: 168917**

**Client Sample ID: LT-C-075-0-2**

**Prep Type: Total/NA**

**Prep Batch: 168849**

Analyte	Sample	Sample	Spike	MS	MS				%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec		
Mercury	0.020	U	0.367	0.302		mg/Kg	☒	82	80 - 120	

**Lab Sample ID: 480-55489-1 MSD**

**Matrix: Solid**

**Analysis Batch: 168917**

**Client Sample ID: LT-C-075-0-2**

**Prep Type: Total/NA**

**Prep Batch: 168849**

Analyte	Sample	Sample	Spike	MSD	MSD				%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	RPD		
Mercury	0.020	U	0.368	0.342		mg/Kg	☒	93	80 - 120	13	20

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## GC/MS Semi VOA

### Prep Batch: 168801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-2	LT-C-075-4-6	Total/NA	Solid	3550C	
480-55489-3	LT-C-075-8-10	Total/NA	Solid	3550C	
480-55489-4	LT-C-076-0-2	Total/NA	Solid	3550C	
480-55489-5	LT-C-076-4-6	Total/NA	Solid	3550C	
480-55489-6	LT-C-076-6-8	Total/NA	Solid	3550C	
LCS 480-168801/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-168801/1-A	Method Blank	Total/NA	Solid	3550C	

### Analysis Batch: 168976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-168801/2-A	Lab Control Sample	Total/NA	Solid	8270D	168801
MB 480-168801/1-A	Method Blank	Total/NA	Solid	8270D	168801

### Prep Batch: 168985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	3510C	
LCS 480-168985/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-168985/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-168985/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 169193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	8270D	168801
480-55489-2	LT-C-075-4-6	Total/NA	Solid	8270D	168801
480-55489-3	LT-C-075-8-10	Total/NA	Solid	8270D	168801
480-55489-4	LT-C-076-0-2	Total/NA	Solid	8270D	168801
480-55489-5	LT-C-076-4-6	Total/NA	Solid	8270D	168801
480-55489-6	LT-C-076-6-8	Total/NA	Solid	8270D	168801

### Analysis Batch: 169194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	8270D	168985
LCS 480-168985/2-A	Lab Control Sample	Total/NA	Water	8270D	168985
LCSD 480-168985/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	168985
MB 480-168985/1-A	Method Blank	Total/NA	Water	8270D	168985

## GC Semi VOA

### Prep Batch: 168804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-2	LT-C-075-4-6	Total/NA	Solid	3550C	
480-55489-3	LT-C-075-8-10	Total/NA	Solid	3550C	
480-55489-4	LT-C-076-0-2	Total/NA	Solid	3550C	
480-55489-5	LT-C-076-4-6	Total/NA	Solid	3550C	
480-55489-6	LT-C-076-6-8	Total/NA	Solid	3550C	
LCS 480-168804/2-A	Lab Control Sample	Total/NA	Solid	3550C	

TestAmerica Buffalo

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## GC Semi VOA (Continued)

### Prep Batch: 168804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-168804/1-A	Method Blank	Total/NA	Solid	3550C	

### Prep Batch: 168988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	3510C	
LCS 480-168988/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-168988/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 168997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	8082A	168804
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	8082A	168804
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	8082A	168804
480-55489-2	LT-C-075-4-6	Total/NA	Solid	8082A	168804
480-55489-3	LT-C-075-8-10	Total/NA	Solid	8082A	168804
480-55489-4	LT-C-076-0-2	Total/NA	Solid	8082A	168804
480-55489-5	LT-C-076-4-6	Total/NA	Solid	8082A	168804
480-55489-6	LT-C-076-6-8	Total/NA	Solid	8082A	168804
480-55489-7	FB034	Total/NA	Water	8082A	168988
LCS 480-168804/2-A	Lab Control Sample	Total/NA	Solid	8082A	168804
LCS 480-168988/2-A	Lab Control Sample	Total/NA	Water	8082A	168988
MB 480-168804/1-A	Method Blank	Total/NA	Solid	8082A	168804
MB 480-168988/1-A	Method Blank	Total/NA	Water	8082A	168988

### Analysis Batch: 169024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	8081B	169025
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	8081B	169025
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	8081B	169025
480-55489-2	LT-C-075-4-6	Total/NA	Solid	8081B	169025
480-55489-3	LT-C-075-8-10	Total/NA	Solid	8081B	169025
480-55489-4	LT-C-076-0-2	Total/NA	Solid	8081B	169025
480-55489-5	LT-C-076-4-6	Total/NA	Solid	8081B	169025
480-55489-6	LT-C-076-6-8	Total/NA	Solid	8081B	169025
LCS 480-169025/2-A	Lab Control Sample	Total/NA	Solid	8081B	169025
MB 480-169025/1-A	Method Blank	Total/NA	Solid	8081B	169025

### Prep Batch: 169025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	3550C	
480-55489-2	LT-C-075-4-6	Total/NA	Solid	3550C	
480-55489-3	LT-C-075-8-10	Total/NA	Solid	3550C	
480-55489-4	LT-C-076-0-2	Total/NA	Solid	3550C	
480-55489-5	LT-C-076-4-6	Total/NA	Solid	3550C	
480-55489-6	LT-C-076-6-8	Total/NA	Solid	3550C	
LCS 480-169025/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 480-169025/1-A	Method Blank	Total/NA	Solid	3550C	

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## GC Semi VOA (Continued)

### Prep Batch: 169215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	3510C	
LCS 480-169215/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-169215/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 169279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	8081B	169215
LCS 480-169215/2-A	Lab Control Sample	Total/NA	Water	8081B	169215
MB 480-169215/1-A	Method Blank	Total/NA	Water	8081B	169215

## Metals

### Prep Batch: 168794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	3005A	
LCS 480-168794/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-168794/1-A	Method Blank	Total/NA	Water	3005A	

### Prep Batch: 168819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	7470A	
LCS 480-168819/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-168819/1-A	Method Blank	Total/NA	Water	7470A	

### Prep Batch: 168849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	7471B	
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	7471B	
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	7471B	
480-55489-2	LT-C-075-4-6	Total/NA	Solid	7471B	
480-55489-3	LT-C-075-8-10	Total/NA	Solid	7471B	
480-55489-4	LT-C-076-0-2	Total/NA	Solid	7471B	
480-55489-5	LT-C-076-4-6	Total/NA	Solid	7471B	
480-55489-6	LT-C-076-6-8	Total/NA	Solid	7471B	
LCSSRM 480-168849/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-168849/1-A	Method Blank	Total/NA	Solid	7471B	

### Analysis Batch: 168917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	7471B	168849
480-55489-1 MS	LT-C-075-0-2	Total/NA	Solid	7471B	168849
480-55489-1 MSD	LT-C-075-0-2	Total/NA	Solid	7471B	168849
480-55489-2	LT-C-075-4-6	Total/NA	Solid	7471B	168849
480-55489-3	LT-C-075-8-10	Total/NA	Solid	7471B	168849
480-55489-4	LT-C-076-0-2	Total/NA	Solid	7471B	168849
480-55489-5	LT-C-076-4-6	Total/NA	Solid	7471B	168849
480-55489-6	LT-C-076-6-8	Total/NA	Solid	7471B	168849
LCSSRM 480-168849/2-A	Lab Control Sample	Total/NA	Solid	7471B	168849
MB 480-168849/1-A	Method Blank	Total/NA	Solid	7471B	168849

# QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

## Metals (Continued)

### Analysis Batch: 168925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	7470A	168819
LCS 480-168819/2-A	Lab Control Sample	Total/NA	Water	7470A	168819
MB 480-168819/1-A	Method Blank	Total/NA	Water	7470A	168819

### Analysis Batch: 169042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-7	FB034	Total/NA	Water	6010C	168794
LCS 480-168794/2-A	Lab Control Sample	Total/NA	Water	6010C	168794
MB 480-168794/1-A	Method Blank	Total/NA	Water	6010C	168794

### Prep Batch: 169718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	3050B	11
480-55489-2	LT-C-075-4-6	Total/NA	Solid	3050B	12
480-55489-3	LT-C-075-8-10	Total/NA	Solid	3050B	13
480-55489-4	LT-C-076-0-2	Total/NA	Solid	3050B	14
480-55489-5	LT-C-076-4-6	Total/NA	Solid	3050B	15
480-55489-6	LT-C-076-6-8	Total/NA	Solid	3050B	
LCSSRM 480-169718/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 480-169718/1-A	Method Blank	Total/NA	Solid	3050B	

### Analysis Batch: 170107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	6010C	169718
480-55489-2	LT-C-075-4-6	Total/NA	Solid	6010C	169718
480-55489-3	LT-C-075-8-10	Total/NA	Solid	6010C	169718
480-55489-4	LT-C-076-0-2	Total/NA	Solid	6010C	169718
480-55489-5	LT-C-076-4-6	Total/NA	Solid	6010C	169718
480-55489-6	LT-C-076-6-8	Total/NA	Solid	6010C	169718
LCSSRM 480-169718/2-A	Lab Control Sample	Total/NA	Solid	6010C	169718
MB 480-169718/1-A	Method Blank	Total/NA	Solid	6010C	169718

### Analysis Batch: 170394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	6010C	169718
480-55489-2	LT-C-075-4-6	Total/NA	Solid	6010C	169718
480-55489-3	LT-C-075-8-10	Total/NA	Solid	6010C	169718
480-55489-4	LT-C-076-0-2	Total/NA	Solid	6010C	169718
480-55489-5	LT-C-076-4-6	Total/NA	Solid	6010C	169718
480-55489-6	LT-C-076-6-8	Total/NA	Solid	6010C	169718
LCSSRM 480-169718/2-A	Lab Control Sample	Total/NA	Solid	6010C	169718
MB 480-169718/1-A	Method Blank	Total/NA	Solid	6010C	169718

## General Chemistry

### Analysis Batch: 168700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-1	LT-C-075-0-2	Total/NA	Solid	Moisture	
480-55489-2	LT-C-075-4-6	Total/NA	Solid	Moisture	
480-55489-3	LT-C-075-8-10	Total/NA	Solid	Moisture	

TestAmerica Buffalo

## QC Association Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### General Chemistry (Continued)

#### Analysis Batch: 168700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-55489-4	LT-C-076-0-2	Total/NA	Solid	Moisture	5
480-55489-5	LT-C-076-4-6	Total/NA	Solid	Moisture	6
480-55489-6	LT-C-076-6-8	Total/NA	Solid	Moisture	7

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

**Client Sample ID: LT-C-075-0-2**

**Lab Sample ID: 480-55489-1**

Date Collected: 03/04/14 09:00

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 05:12	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 16:40	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/07/14 09:09	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:05	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 17:58	LMH	TAL BUF
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 12:56	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

**Client Sample ID: LT-C-075-4-6**

**Lab Sample ID: 480-55489-2**

Date Collected: 03/04/14 09:05

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 05:35	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 16:58	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/07/14 09:24	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:08	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 18:01	LMH	TAL BUF
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 13:04	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

**Client Sample ID: LT-C-075-8-10**

**Lab Sample ID: 480-55489-3**

Date Collected: 03/04/14 09:10

Matrix: Solid

Date Received: 03/05/14 08:45

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 05:58	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 17:15	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### **Client Sample ID: LT-C-075-8-10**

Date Collected: 03/04/14 09:10

Date Received: 03/05/14 08:45

### **Lab Sample ID: 480-55489-3**

Matrix: Solid

Percent Solids: 93.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	168997	03/07/14 09:39	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:11	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 18:04	LMH	TAL BUF
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 13:06	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

### **Client Sample ID: LT-C-076-0-2**

Date Collected: 03/04/14 09:15

Date Received: 03/05/14 08:45

### **Lab Sample ID: 480-55489-4**

Matrix: Solid

Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 06:21	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 17:33	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/07/14 09:53	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:13	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 18:07	LMH	TAL BUF
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 13:07	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

### **Client Sample ID: LT-C-076-4-6**

Date Collected: 03/04/14 09:20

Date Received: 03/05/14 08:45

### **Lab Sample ID: 480-55489-5**

Matrix: Solid

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 06:44	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 17:50	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/07/14 10:08	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:16	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 18:09	LMH	TAL BUF

TestAmerica Buffalo

## Lab Chronicle

Client: Posillico Consulting  
Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Client Sample ID: LT-C-076-4-6

Date Collected: 03/04/14 09:20

Date Received: 03/05/14 08:45

### Lab Sample ID: 480-55489-5

Matrix: Solid

Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 13:13	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

### Client Sample ID: LT-C-076-6-8

Date Collected: 03/04/14 09:25

Date Received: 03/05/14 08:45

### Lab Sample ID: 480-55489-6

Matrix: Solid

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			168801	03/06/14 07:55	CAM	TAL BUF
Total/NA	Analysis	8270D		1	169193	03/08/14 07:06	RMM	TAL BUF
Total/NA	Prep	3550C			169025	03/07/14 08:22	CAM	TAL BUF
Total/NA	Analysis	8081B		1	169024	03/07/14 18:08	LMW	TAL BUF
Total/NA	Prep	3550C			168804	03/06/14 08:02	CAM	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/07/14 10:23	JMM	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170107	03/14/14 04:19	LMH	TAL BUF
Total/NA	Prep	3050B			169718	03/12/14 09:40	EHD	TAL BUF
Total/NA	Analysis	6010C		1	170394	03/14/14 18:12	LMH	TAL BUF
Total/NA	Prep	7471B			168849	03/06/14 11:00	JRK	TAL BUF
Total/NA	Analysis	7471B		1	168917	03/06/14 13:15	JRK	TAL BUF
Total/NA	Analysis	Moisture		1	168700	03/05/14 13:39	ZJR	TAL BUF

### Client Sample ID: FB034

Date Collected: 03/04/14 08:00

Date Received: 03/05/14 08:45

### Lab Sample ID: 480-55489-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			168985	03/07/14 06:19	MCZ	TAL BUF
Total/NA	Analysis	8270D		1	169194	03/08/14 14:12	RMM	TAL BUF
Total/NA	Prep	3510C			169215	03/08/14 07:55	MCZ	TAL BUF
Total/NA	Analysis	8081B		1	169279	03/10/14 10:04	LMW	TAL BUF
Total/NA	Prep	3510C			168988	03/07/14 06:30	MCZ	TAL BUF
Total/NA	Analysis	8082A		1	168997	03/08/14 03:36	JMM	TAL BUF
Total/NA	Prep	3005A			168794	03/06/14 09:05	EHD	TAL BUF
Total/NA	Analysis	6010C		1	169042	03/06/14 23:35	LMH	TAL BUF
Total/NA	Prep	7470A			168819	03/06/14 09:20	JRK	TAL BUF
Total/NA	Analysis	7470A		1	168925	03/06/14 14:23	JRK	TAL BUF

#### Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

## Certification Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

### Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14 *
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	04-01-14 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	04-01-14 *
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14 *
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-14 *
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	04-01-14 *
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	03-31-14 *
Wisconsin	State Program	5	998310390	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo

## Method Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

## Sample Summary

Client: Posillico Consulting

Project/Site: Glen Isle: Data Gap Field Program

TestAmerica Job ID: 480-55489-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-55489-1	LT-C-075-0-2	Solid	03/04/14 09:00	03/05/14 08:45
480-55489-2	LT-C-075-4-6	Solid	03/04/14 09:05	03/05/14 08:45
480-55489-3	LT-C-075-8-10	Solid	03/04/14 09:10	03/05/14 08:45
480-55489-4	LT-C-076-0-2	Solid	03/04/14 09:15	03/05/14 08:45
480-55489-5	LT-C-076-4-6	Solid	03/04/14 09:20	03/05/14 08:45
480-55489-6	LT-C-076-6-8	Solid	03/04/14 09:25	03/05/14 08:45
480-55489-7	FB034	Water	03/04/14 08:00	03/05/14 08:45

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**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)

**Elli's Koch**

Company

**RXR-Glen Isle Partners, LLC**

Address

**(925 RXR Plaza**

City

**Uniondale NY 11552**

State

Fax

Phone

Analysis Turnaround Time

Standard 

Rush Charges Authorized For:

2 Week 1 Week Other 

ANALYSIS REQUESTED (ENTER % BELOW TO INDICATE REQUEST)

Site/Project Identification

Glen Isle Waterfront Redevelopment

State (Location of site): NJ:  NY:  Other: 

Regulatory Program:

LAB USE ONLY

Project No:

Job No:

## Login Sample Receipt Checklist

Client: Posillico Consulting

Job Number: 480-55489-1

**Login Number: 55489**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Stau, Brandon M**

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time.	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True	rxr	
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	N/A		
Chlorine Residual checked.	N/A		